User's Manual

R-Wipe&Clean

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I R-Wipe&Clean Overview

R-Wipe & Clean is a complete solution to wipe useless files and keep your computer privacy. Irretrievably deletes private records of your on- and off-line activities, such as temporary internet files, history, cookies, autocomplete forms and passwords, recently opened documents list, Explorer MRUs, temporary files, etc. and free up your disk space. Wipes files and unused disk space using either fast or secure erase algorithms. All files and folders may be combined in wipe lists to erase them in a single procedure. Supports both the FAT and NTFS file systems. All separate wiping and cleaning tasks can be combined in one or more erasing procedures launched immediately or at predefined times or events as a background task.

Information about R-Wipe&Clean

- Information about **R-Wipe&Clean**: **R-Wipe&Clean Features**.
- **System Requirements**
- **Customization, Settings, and Logging**
- Your private information that Windows stores on your computer: **Wiping and Cleaning**.
- Default file and disk wiping settings: **Default Wiping Settings**.
- What wiping algorithm to choose: **Wiping Algorithms**.

Wiping and cleaning tasks

How to:

- Clean your private information from your computer: **Cleaning a Computer**
- Wipe a single file directly from Windows Explorer: **Wiping a File**.
- Wipe the contents of the **Recycle Bin**: **Wiping Recycle Bin**.
- Wipe several files in a single wipe task: **Wipe Lists**.
- Wipe unused space on one disk: **Wiping Unused Disk Space**.
- Wipe several disks at once **Wiping Unused Disk Space**.
- Clean your computer, wipe several files and folders, and unused disk space simultaneously: **Setting a Large Wipe and Clean Task**.

Blocking popup windows in Microsoft Internet Explorer and other browsers

- Block annoying automatic pop-up windows with **R-Wipe & Clean Popup Blocker**

Delete/view folders and files locked by the system or other programs

- **Startup Rename Manager**

Unblock R-Wipe&Clean in various anti-malware programs

- **Unblocking R-Wipe & Clean in Anti-Malware Programs**

- **Contact Information and Technical Support**

1.1 R-Wipe&Clean Features

Total computer cleaning:

Using **R-Wipe & Clean** you can:

- Verify and select information before irrecoverable wiping.
- Wipe and delete temporary Internet files.

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- Wipe and delete cookies: small files that web sites store on your computers for identification purposes. Your favorite cookies may be safely kept.
- Wipe and delete Flash cookies: small files that web sites create on your computer.
- Clean autocomplete forms: logins, user names, passwords and other personal information entered at web sites and keywords entered at search engines.
- Clean history: lists of visited web sites.
- Clean list of recently opened documents.
- Clean Windows clipboard content.
- Wipe and delete temporary files created by Windows and other programs.
- Clean system Registry traces: run list, search results, mapped network drives, attached peripheral devices, last opened Registry key, etc.
- Clean MFUs: lists of most frequently used programs, start menu links and icons, Control Panel items, Favorite Web pages, and Internet Explorer buttons.
- Wipe .dat files (even locked) to remove any leftovers after incorrect Windows shutdowns.
- Wipe and delete offline content.
- Clean activity traces from Microsoft Office, standard Windows, and numerous popular third-party applications. Installed applications are detected automatically.
- Create customized wipe lists to clean activity traces from any application that **R-Wipe&Clean** currently does not support. Such wipe lists may include application working and temporary folders and files, and registry keys.
- Wipe Windows swap files.
- Wipe and delete invalid Desktop shortcuts: the shortcuts that are on your Desktop but not linked to any existing files.
- Clean Windows event logs
- Wipe Windows built-in Firewall logs
- Clean links to recent network folders
- Wipe auxiliary temporary files: setup temporary and log files, memory dump files, old Check Disk files.

All of files may be wiped to ensure their total unrecoverable elimination. .dat files may be safely deleted to remove any leftovers from incorrect Windows shutdowns. Go to the **Wiping and Cleaning** section to learn more about your private information that Windows stores on your computer.

Supported browsers and toolbars

Browsers

- Internet Explorer
- Microsoft Edge (Windows 10)
- Mozilla/Mozilla Firefox
- Opera
- Safari
- Flock
- Netscape
- AOL
- MSN
- Google Chrome

Toolbars

- Google
- Windows Live
- Yahoo!
- Bing Bar (MSN Toolbar)
- Advanced Searchbar
- AltaVista Toolbar
- AOL Toolbar
- Ask Toolbar
- Baidu Toolbar
- Excite Speedbar

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- SeaMonkey
- BT Yahoo!
- Konqueror
- K-Meleon
- Songbird
- LinkedIn Toolbar
- MySpace Toolbar

Items that can be cleaned in various browsers

Browser	Items that can be cleaned
Internet Explorer AOL Avant MSN Explorer BT Yahoo	• Temporary Internet Files • Cookies • History • Auxiliary Traces • Download History • Typed URLs • Autocomplete • Browser Extensions Using Statistics • Cached Certification Files • Cached Documents • Cached DOM files • Cached Feeds • Flash Player Cookies • InPrivate Filtering Saved Addresses • Java Files • Microsoft VM Log • Search History • Shockwave Player Recent Movies • Silverlight Traces • Stored Favorites Menu Order • Advanced Searchbar Search History • AltaVista Toolbar Search History • AOL Toolbar Search History • Ask Toolbar Search History • Baidu Toolbar Traces • Bing Bar Search History • Excite Speedbar Traces • Google Toolbar Search History • LinkedIn Toolbar Traces • MySpace Toolbar Traces • Windows Live Toolbar Search History • Yahoo! Toolbar Search History
Microsoft Edge (Windows 10)	• Cache Files • Cookies • Application Cache

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	• Cached Certification Files • Cached DOM Files • Internal Databases • Stored Favicons • Stored Recovery Information • Stored Web Notes • Stored Webpage Tiles • Temporary Files • Cache Database • Typed URLs
Opera	• Temporary Internet Files • Cookies • History • Auxiliary Traces • Typed URLs • Autocomplete • Transfers
Mozilla Old Netscape Old SeaMonkey	• Temporary Internet Files • Cookies • History • Typed URLs • Autocomplete • Downloads
Mozilla Firefox	• Temporary Internet Files • Cookies • History • Stored Text in Forms • Stored Passwords • Stored SSL Permisions • DOM Storage • Downloads • Cached Jump Lists Icons • Stored Web Page Thumbnails • Crash Reports • Crash Minidump Files • FHR Performance Measures • Stored PDF View Parameters • Update Logs • Google Toolbar Search History • Yahoo! Toolbar Search History • Predicting Data • Auxiliary Traces

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	• ndexed Databases • Stored HSTS Cookies • Stored Timestamps • Telemetry Report
Netscape Navigator	• Temporary Internet Files • Cookies • History • Autocomplete • Downloads • Search History • Google Toolbar Search History • Yahoo! Toolbar Search History
Safari	• Temporary Internet Files • Cookies • History • Stored Text in Forms • Stored Passwords in Forms • Search History • Downloads
Flock	• Temporary Internet Files • Cookies • History • Stored Text in Forms • Stored Passwords in Forms • Downloads • Google Toolbar Search History • Yahoo! Toolbar Search History
Google Chrome	• Temporary Internet Files • Cookies • History • Downloads • Stored Text in Forms • Stored Passwords in Forms • Application Cache • Cached Jump Lists Icons • Extensions Databases • Extensions State • Flash Player Cache • GPU Cache • Media Cache • Rollback Journals • Search Engines Data

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	• Session Databases • Web Databases • Address Bar History • Auxiliary Traces • DNS Prefetching Data • Most Visited Sites Data • Prerendering Data • Quota Manager Data • Search History • Sync Data • TLS Certificates • Current Session Commands • Current Tabs Commands • Last Session Commands • Last Tabs Commands • Support for Multiple Users • Web Applications File System's Files • Google Cloud Messaging Traces
SeaMonkey	• Temporary Internet Files • Cookies • History • Typed URLs • Downloads • Stored Text in Forms • Stored Passwords in Forms
Konqueror	• Temporary Internet Files • Cookies • History • Typed URLs • Search History
K-Meleon	• Temporary Internet Files • Cookies • History • Typed URLs • Stored Passwords in Forms
Songbird	• Temporary Internet Files • Cookies • History • Stored Text in Forms • Stored Passwords • Downloads

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Items that can be cleaned in various communication programs

Programs	Items that can be cleaned
AOL Instant Messenger	• Chat History • Network Activity Logs • Recent Servers • Buddies Icon Information • Cached Buddies Icons • Cached Buddy Lists
Skype	• Chat History • Call History • Stored Chat Properties • Received Files • Sent Files • Sent SMS messages • Unauthorized Contacts • Auxiliary Traces
Windows Live Messenger	• Chat History • Recent Backgrounds • Recent Display Pictures • Recent Emoticons • Diagnostics Log • Cached Backgrounds • Cached Dynamic Backgrounds • Cached Scenes • Cached Signature Sounds • Cached Display Pictures • Databases • Software Quality Monitoring Files

File wiping

- Wipes files using either fast or strong wipe algorithms, including DOD-approved. Go to the **Wiping Algorithms** section to learn more about wiping algorithms that **R-Wipe&Clean** uses.
- Wipes files directly from Windows Explorer.
- Wipes predefined wipe lists - lists of files and folders to be wiped through single wipe tasks. Files and folders may be included into a current wipe list directly from Windows Explorer.
- Wipes file alternate data streams.
- Wipes cluster tips - free parts of file clusters.

Go to the **Wiping and Cleaning** section to learn more about file wiping.

Disk wiping

- Wipes unused disk space using several selectable fast or strong erase algorithms, including DOD-approved. Go to the **Wiping Algorithms** section to learn more about wiping algorithms that **R-Wipe&Clean** uses.
- Wipes unused space on a single disk directly from the **R-Wipe&Clean** tab in the disk **Properties**.

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- Wipes unused space of several disks through one single wipe task.
- Wipes records of small files stored directly in the NTFS Master File Table.

Go to the **Wiping and Cleaning** section to learn more about disk wiping.

Scheduler

- You may combine all the cleaning and wiping tasks into a large one and start it manually or set a start time/ event for it.
- When such start time is set, this wiping and cleaning task will start automatically as a background task.
- A cleaning and wiping task may be started from a command line.
- Scheduler can turn your computer off when the erasing procedure is completed.

Additional useful features

- Detailed representation of all records of on- and off-line activity on your computer.
- The Boss Key: emergency web-browser closing.
- Ultimate Popup blocker.
- Startup Rename Manager.
- Stealth mode
- Customizable system integration: most wipe and delete operation can be performed directly from Windows.
- Password protection.
- Standby/hibernate control: your computer will not hibernate until **R-Wipe&Clean** finishes its long job.
- Customization: only necessary items can be visible in **R-Wipe&Clean**.

Go to the **Scheduler** section to learn more about wipe task scheduler.

1.2 System Requirements

An Intel-compatible platform running Windows 2000/XP/Server 2003/XP64/Vista/Server 2008/7/8/8.1/10.
Internet Explorer.
The administrative privileges are required to install R-Wipe & Clean's Windows Explorer shell extensions.

1.3 Contact Information and Technical Support

To obtain the latest version of **R-Wipe&Clean**, go to:

Product Site: http://www.r-wipe.com
Sales Department: sales@r-tt.com

The **R-Wipe&Clean** Support Team is available 24 hours a day, seven days a week, and has an average e-mail response time less than 4 hours.

Tech. Support: support@r-tt.com
Send your support request to: http://www.r-tt.com/Support_request.html

Data Security & Privacy FAQ: http://www.r-tt.com//Data_Security_Privacy_FAQ.shtml
R-tt Forum: http://forum.r-tt.com

1.4 Registration on Windows Vista and Above

When **R-Wipe & Clean** is started by a standard user or Administrator without elevated privileges, it will be registered only for the current user.

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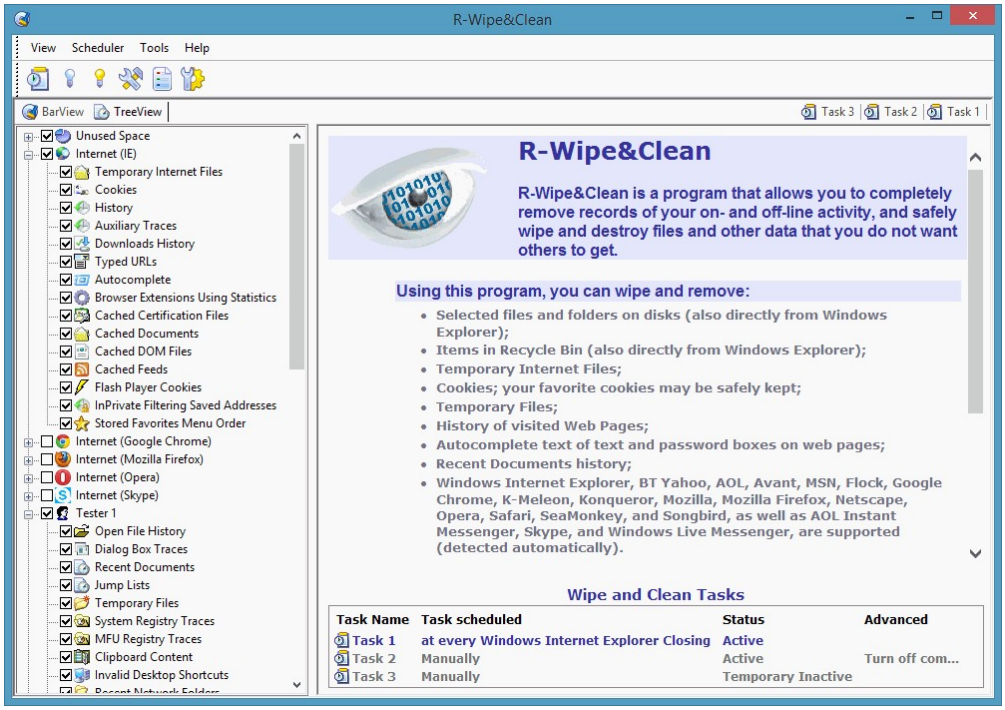
Use an Administrator account with elevated privileges to register **R-Wipe & Clean** for all users on the computer.

II R-Wipe&Clean Main Panel

Note: Some operations, such as wiping a file, wiping and deleting the content of Recycle Bin, or wiping unused space on a single disk, can be performed directly from the shortcut menu without starting **R-Wipe&Clean**.

When **R-Wipe&Clean** starts, its main panel appears. You may customize **R-Wipe&Clean** to view only necessary items.

R-Wipe&Clean's main panel


R-Wipe&Clean
View Scheduler Tools Help
BarView TreeView
Task 3 Task 2 Task 1
Unused Space
Internet (IE)
Temporary Internet Files
Cookies
History
Auxiliary Traces
Downloads History
Typed URLs
Autocomplete
Browser Extensions Using Statistics
Cached Certification Files
Cached Documents
Cached DOM Files
Cached Feeds
Flash Player Cookies
InPrivate Filtering Saved Addresses
Stored Favorites Menu Order
Internet (Google Chrome)
Internet (Mozilla Firefox)
Internet (Opera)
Internet (Skype)
Tester 1
Open File History
Dialog Box Traces
Recent Documents
Jump Lists
Temporary Files
System Registry Traces
MFU Registry Traces
Clipboard Content
Invalid Desktop Shortcuts
R-Wipe&Clean
R-Wipe&Clean is a program that allows you to completely remove records of your on- and off-line activity, and safely wipe and destroy files and other data that you do not want others to get.
Using this program, you can wipe and remove:
Selected files and folders on disks (also directly from Windows Explorer);
Items in Recycle Bin (also directly from Windows Explorer);
Temporary Internet Files;
Cookies; your favorite cookies may be safely kept;
Temporary Files;
History of visited Web Pages;
Autocomplete text of text and password boxes on web pages;
Recent Documents history;
Windows Internet Explorer, BT Yahoo, AOL, Avant, MSN, Flock, Google Chrome, K-Meleon, Konqueror, Mozilla, Mozilla Firefox, Netscape, Opera, Safari, SeaMonkey, and Songbird, as well as AOL Instant Messenger, Skype, and Windows Live Messenger, are supported (detected automatically).
Wipe and Clean Tasks
Task Name
Task scheduled
Status
Advanced
Task 1
at every Windows Internet Explorer Closing
Active
Task 2
Manually
Active
Turn off com...
Task 3
Manually
Temporary Inactive

Buttons

- Create a New Task
- Deactivate All Tasks
- Activate all tasks
- Settings
- View Log
- Customize.

TreeView tab

The TreeView will be shown on the left pane

You may customize **R-Wipe&Clean** to view only necessary items.

BarView tab

The **BarView** will be shown on the left pane

Right-click the items to select between large or small icons

You may customize **R-Wipe&Clean** to view only necessary items.

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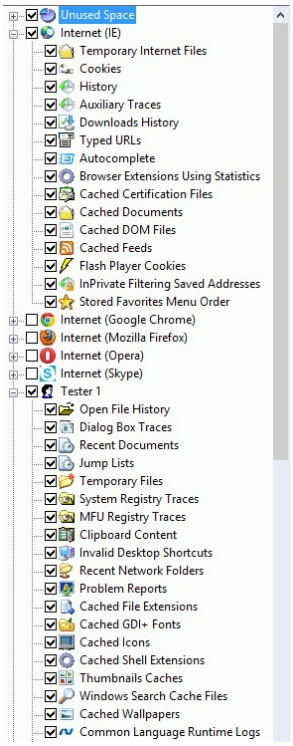

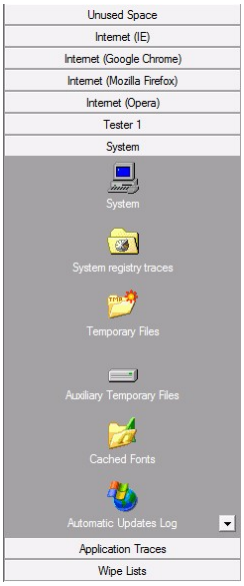

More information on the menu items...

View	Toolbar: Turns the toolbar icons on and off Icon size: Selects the size of the toolbar icons Start Page: Shows the **R-Wipe&Clean** start page
Scheduler	New Task: Creates a new wipe and clean task Remove Task: Removes the selected wipe and clean task Remove All Tasks: Removes all wipe and clean tasks Activate All Tasks: Activates all tasks in the task list Deactivate All Tasks: Deactivates all tasks in the task list
Tools	Popup Blocker Options: Sets options for Popup Blocker. Customize: Sets on the Customize panel which items are visible/invisible in **R-Wipe&Clean** View Log: Shows the **R-Wipe&Clean** log Settings: Sets **R-Wipe&Clean** settings on the Settings panel.
Help	Help Topics: Starts **R-Wipe&Clean** About R-Wipe&Clean: Shows information about the **R-Wipe&Clean** version installed

You may turn on and off the toolbar. Select **Toolbar** on the **View** menu.

Wiping and cleaning tasks

How to:

Clean your private information from your computer: **Cleaning a Computer**
Wipe a single file directly from Windows Explorer: **Wiping a File**.
Wipe the contents of the **Recycle Bin**: **Wiping Recycle Bin**.

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Wipe several files in a single wipe task: **Wipe Lists**.
Wipe unused space on one disk: **Wiping Unused Disk Space**.
Wipe several disks at once **Wiping Unused Disk Space**.
Clean your computer, wipe several files and folders, and unused disk space simultaneously: **Setting a Large Wipe and Clean Task**.

Blocking popup windows in Microsoft Internet Explorer

Block annoying automatic pop-up windows with **R-Wipe & Clean Popup Blocker**

- **R-Wipe&Clean Overview**
- **Customization, Settings, and Logging**
- **Wiping**
- **Cleaning a Computer**
- **Wiping Tasks and Scheduler**
- **Popup Blocker**
- **Startup Rename Manager**
- **Unblocking R-Wipe & Clean in Anti-Malware Programs**
- **Contact Information and Technical Support**

III Customization, Settings, and Logging

R-Wipe&Clean can process and display many items. Sometimes, you need not all of them. The **Customization** panels allows you to specify the items you need.

You may set default settings and logging options on the **Settings** panel. You may reach it by the following ways:

1. By selecting **Settings** on the **Tools** menu.
2. By clicking the **Settings** button on the toolbar
3. By clicking the **Settings** button on respective right panels

The **Settings** tab will appear. You may set the following settings:

Disks and Files: default wiping settings for files and unused space.
Docs and Internet: default settings for cleaning system and links to **Application Traces**
Scheduler: settings for swap and index .dat file wiping in scheduled tasks.
Integration: settings for the integration into Windows.
Boss Key: keyboard shortcuts enabling you to quickly close web browsers.
Services: management services to unlock their files.
Logging: logging settings.
Advanced: advanced setting like **Password**, **Stealth mode**, and hibernation.

- **R-Wipe&Clean Overview**
- **R-Wipe&Clean Main Panel**
- **Wiping**
- **Cleaning a Computer**
- **Wiping Tasks and Scheduler**

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- Popup Blocker
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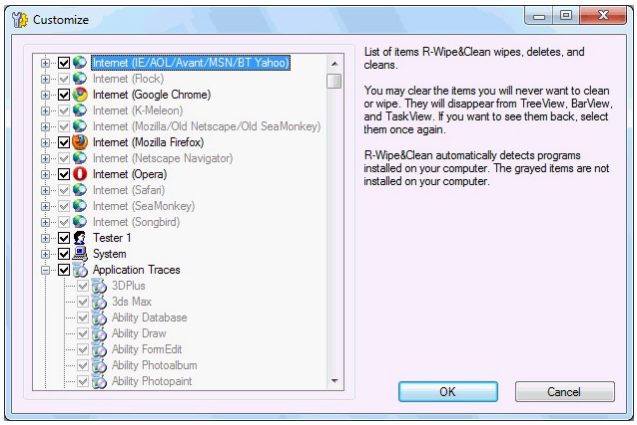
3.1 Customization

You may set on the **Customize** panel which items that **R-Wipe&Clean** wipes, deletes, or cleans will be visible on the **TreeView**, **BarView** and **TaskView**, and accessible to you.

You may clear the items you will never want to clean or wipe. They will disappear from **TreeView**, **BarView** and **TaskView**. You you want to gain access to them again, select them once again.

R-Wipe&Clean automatically detects programs installed on your computer. Items not installed are dimmed.

Customize panel



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3.2 Disks and Files

You may set default wiping setting on the **Disk and Files** tab of the **Settings** panel. You may reach this panel either by clicking the **Settings** button on the respective right panel, or by selecting **Settings** on the **Tools** menu.

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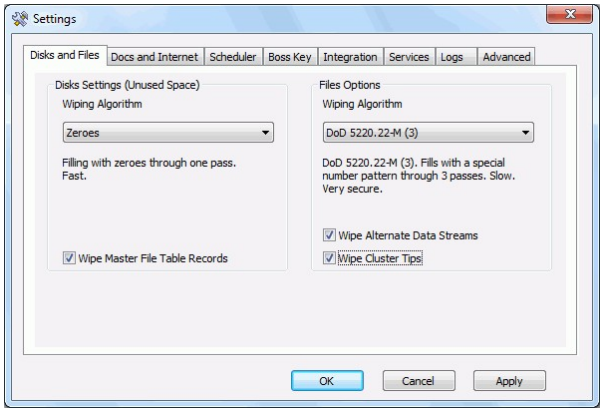
Disk and Files tab



Disks Settings (Unused Space)

Wiping algorithm	You may select a default algorithm for wiping disks. To learn more about wiping algorithms, go to **Wiping Algorithms**.
Wipe Master File Table Records	(Effective to the NTFS file system only). If this option is selected, **R-Wipe&Clean** deletes records of small files which are stored directly in the NTFS Master File Table .

Files Options

Wiping algorithm	You may select a default wiping algorithm for files. To learn more about wiping algorithms, go to **Wiping Algorithms**.
Wipe alternate data streams:	(Effective to the NTFS file system only). If this option is selected, **R-Wipe&Clean** wipes all streams associated with the file.
Wipe cluster tips	If this option is selected, **R-Wipe&Clean** also wipes free parts of file clusters.

Wiping Algorithms

Currently **R-Wipe&Clean** supports 5 wiping algorithms:

Zeroes	The unused space or file is filled with zeroes through 1 pass. The fastest but the least secure algorithm. Also it does not conceal the fact that the disk or file has been wiped.
Pseudo-random numbers	The unused space or file is filled with pseudo-random numbers through 1 pass. A slower but little bit more secure algorithm than the **Zeroes** algorithm and it also conceals to some degree the fact that the disk or file has been wiped.
DoD 5220.22-M(3)	The unused space or file is wiped using Department of Defense standard 5220.22-M(3). Provides high-grade data wiping filling the unused space or file with a special digital pattern through 3 passes This algorithm is very secure, but slow.
DoD 5200.28-STD(7)	The unused space or file is wiped using Department of Defense standard 5200.28-STD(7). Provides high-grade data wiping filling the unused space or file with a special digital pattern through 7 passes. This algorithm is very secure, but very slow.
Peter Gutmann (35)	The unused space or file is wiped using the Peter Gutmann's algorithm. Provides high-grade data wiping filling the unused space or file with a special digital pattern through 35 passes. This algorithm is military-level secure, but horribly slow.

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What algorithm is to choose, depends on your specific needs. All of these wiping algorithms make recovery of wiped data with any software-based data recover utility impossible. So if you want to protect your information from a casual snooper, you may safely choose either the **Zeroes** or **Pseudo-random numbers** algorithm. The latter also conceals the fact that you wiped the data.

If you want more security, you need to know the following:

There are some techniques for recovery of wiped data. These techniques are based on the fact that magnetic medium on the hard drive's platters "store" some information about previously written data. Such information cannot be completely removed. Wiped data may be recovered even from mechanically damaged platters. So the only safe way to completely remove data from a hard drive is to mechanically grind the magnetic medium off the drive platters or dissolve them in special chemical solvents.

But in order to recover the wiped data using one of these techniques, a hard drive must be disassembled, its platters placed in a precise magnetic field measurement system, and the results of such measurement statistically processed. All that is very expensive and requires a very qualified and experienced personnel and a specially developed equipment. Only a very advanced organization such as a law enforcement or intelligence agency of a developed nation, or a special high-tech firm can afford this. Moreover, each successive wiping pass makes such data recovery much and much harder. So, the **DoD 5220.22-M(3)** clearing and sanitizing standard overwriting the data with a special pattern through 3 passes is a rather reliable and safe choice for this case.

If you need the ultimate security, use the **DoD 5220.22-M(7)** clearing and sanitizing standard, or even the **Peter Gutmann (35)** wiping algorithm. They render data almost unrecoverable, but they are extremely slow.

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3.3 Docs and Internet

You may set default leaning setting on the **Docs and Internet** tab of the **Settings** panel. You may reach this panel either by clicking the **Settings** button on the respective right panel, or by selecting **Settings** on the **Tools** menu.

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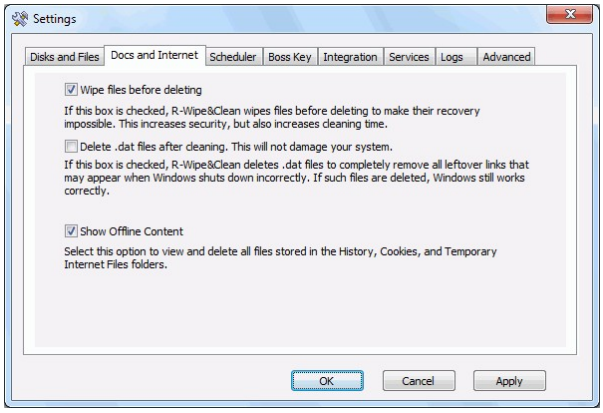
Docs and Internet tab


Settings
Disks and Files
Docs and Internet
Scheduler
Boss Key
Integration
Services
Logs
Advanced
Wipe files before deleting
If this box is checked, R-Wipe&Clean wipes files before deleting to make their recovery impossible. This increases security, but also increases cleaning time.
Delete .dat files after cleaning. This will not damage your system.
If this box is checked, R-Wipe&Clean deletes .dat files to completely remove all leftover links that may appear when Windows shuts down incorrectly. If such files are deleted, Windows still works correctly.
Show Offline Content
Select this option to view and delete all files stored in the History, Cookies, and Temporary Internet Files folders.
OK
Cancel
Apply

Docs and Internet Settings

Wipe files before deleting	Select this option if you want R-Wipe&Clean wipe files before deleting to make their recovery impossible. This increases security, but also increases cleaning time. If the files are only deleted without wiping, they may be later recovered using any file unerase or recover utility. If this option is selected, the Clean button changes its name to Clean and Wipe Now on the Internet and System panels.
Delete .dat files after cleaning	This does not damage the system. If this option is selected, R-Wipe&Clean deletes .dat files to completely remove all leftover links that may appear when Windows shuts down incorrectly. Windows will work correctly if event such files are deleted. .dat files are not removed when the wiping and cleaning process is started by the scheduler.
Show Offline Content	If this option is selected, R-Wipe&Clean shows all files stored in the History, Cookies, and Temporary Internet Files folders.

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- Contact Information and Technical Support

3.4 Scheduler

You may set the settings for swap and index `.dat` file wiping in scheduled tasks on the **Scheduler** tab of the **Settings** panel. You may reach this panel either by clicking the **Settings** button on the respective right panel, or by selecting **Settings** on the **Tools** menu.

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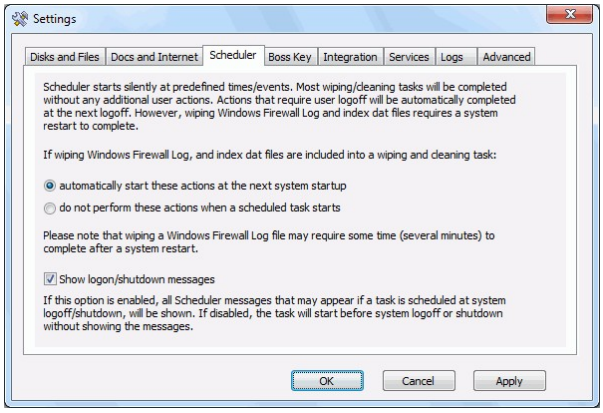
Scheduler tab


Settings
Disks and Files
Docs and Internet
Scheduler
Boss Key
Integration
Services
Logs
Advanced
Scheduler starts silently at predefined times/events. Most wiping/cleaning tasks will be completed without any additional user actions. Actions that require user logoff will be automatically completed at the next logoff. However, wiping Windows Firewall Log and index dat files requires a system restart to complete.
If wiping Windows Firewall Log, and index dat files are included into a wiping and cleaning task:
automatically start these actions at the next system startup
do not perform these actions when a scheduled task starts
Please note that wiping a Windows Firewall Log file may require some time (several minutes) to complete after a system restart.
Show logon/shutdown messages
If this option is enabled, all Scheduler messages that may appear if a task is scheduled at system logoff/shutdown, will be shown. If disabled, the task will start before system logoff or shutdown without showing the messages.
OK
Cancel
Apply

Wiping swap and index `.dat` files require a system restart to complete. You may specify what **R-Wipe&Clean** does when wiping a swap or index `.dat` file is included into a scheduled wiping and cleaning task.

You may either delay those actions until next system startup or restart, or do not perform those actions when the scheduled task starts.

R-Wipe&Clean completes scheduled actions requiring a user logoff at the next logoff.

- **R-Wipe&Clean Overview**
- **R-Wipe&Clean Main Panel**
- **Wiping**
- **Cleaning a Computer**
- **Wiping Tasks and Scheduler**
- **Popup Blocker**
- **Startup Rename Manager**
- **Unblocking R-Wipe & Clean in Anti-Malware Programs**
- **Contact Information and Technical Support**

3.5 Boss Key

You can set one or several *Boss Key*s (keyboard shortcuts) that enable you to quickly close (stop) any, some, or all web browsers on your system. You may do this on the **Boss Key** tab of the **Setting** panel.

When the **Boss Key** is enabled, each time you press the **Boss Key** combination on your keyboard the specified web browsers will be immediately closed.

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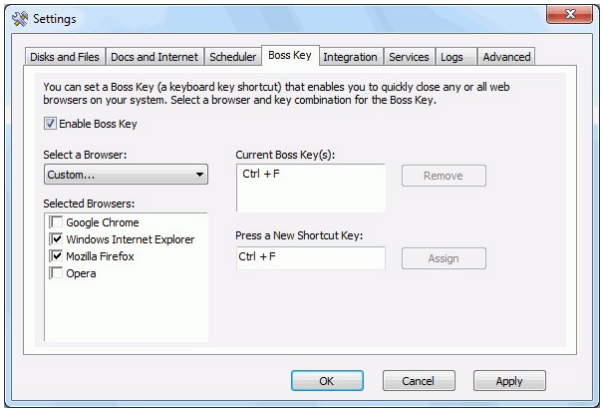
Boss Key tab



To set a Boss Key,

- Select **Enable Boss Key** on the tab
- Select a browser you want to be able to close in the **Select a Browser** list. If you want to select some browsers (not all) from the list, select **Custom...** and select the required browsers in the **Selected Browsers** list.
- Select the **Press a New Shortcut Key** field, enter the key combination from the keyboard, and click the **Assign** button.

The specified key combination will appear in the **Current Boss Key(s)** field.

- Click the **Apply** button for the new settings to take effect.

To add another Boss Key,

- Select the **Press a New Shortcut Key** field, enter the key combination from the keyboard, and click the **Assign** button.

The specified key combination will appear in the **Current Boss Key(s)** list.

- Click the **Apply** button for the new settings to take effect.

To remove a Boss Key,

- Select the Boss Key in the **Current Boss Key(s)** field and click the **Remove** button.

The specified key combination will disappear from the **Current Boss Key(s)** list.

- Click the **Apply** button for the new settings to take effect.

- R-Wipe&Clean Overview
- R-Wipe&Clean Main Panel
- Wiping
- Cleaning a Computer
- Wiping Tasks and Scheduler
- Popup Blocker
- Startup Rename Manager
- Unblocking R-Wipe & Clean in Anti-Malware Programs
- Contact Information and Technical Support

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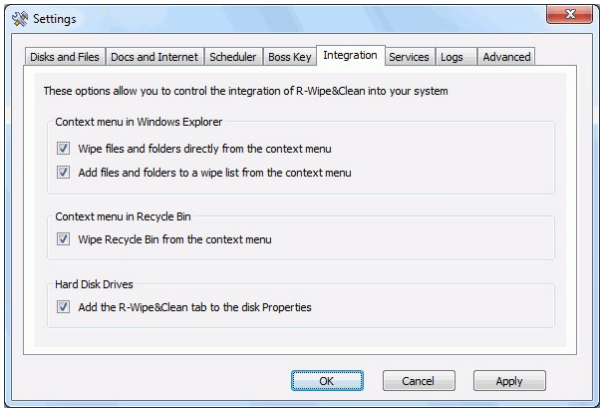
3.6 Integration

You may set options controlling the integration of **R-Wipe&Clean** into your system on the **Integration** tab of the **Setting** panel..

Integration tab


Settings
Disks and Files
Docs and Internet
Scheduler
Boss Key
Integration
Services
Logs
Advanced
These options allow you to control the integration of R-Wipe&Clean into your system
Context menu in Windows Explorer
Wipe files and folders directly from the context menu
Add files and folders to a wipe list from the context menu
Context menu in Recycle Bin
Wipe Recycle Bin from the context menu
Hard Disk Drives
Add the R-Wipe&Clean tab to the disk Properties
OK
Cancel
Apply

Shortcut menu in Windows Explorer	
Wipe files and folders directly from the shortcut menu	If this option is selected, the **Delete and Wipe** item will be added to the shortcut menu in Windows Explorer . Using this item, you may delete and wipe files and folders directly from Windows Explorer.
Add files and folders to a wipe list from the shortcut menu	If this option is selected, the **Add to the Wipe List** item will be added to the shortcut menu in Windows Explorer . Using this item, you may add files and folders to your current wipe list directly from Windows Explorer.
Context menu in Recycle Bin	
Wipe Recycle Bin from the context menu	If this option is selected, the **Wipe and Empty** item will be added to the shortcut menu in **Recycle Bin**. Using this item, you may delete and wipe files and folders directly from **Recycle Bin**.
Hard Disk Drives	
Add the R-Wipe&Clean tab to the disk Properties	If this option is selected, the **R-Wipe&Clean** tab will be added to the **Properties** panel of each logical disk. Using this item, you may wipe unused disk space from this tab.

- **R-Wipe&Clean Overview**
- **R-Wipe&Clean Main Panel**
- **Wiping**
- **Cleaning a Computer**
- **Wiping Tasks and Scheduler**
- **Popup Blocker**
- **Startup Rename Manager**
- **Unblocking R-Wipe & Clean in Anti-Malware Programs**
- **Contact Information and Technical Support**

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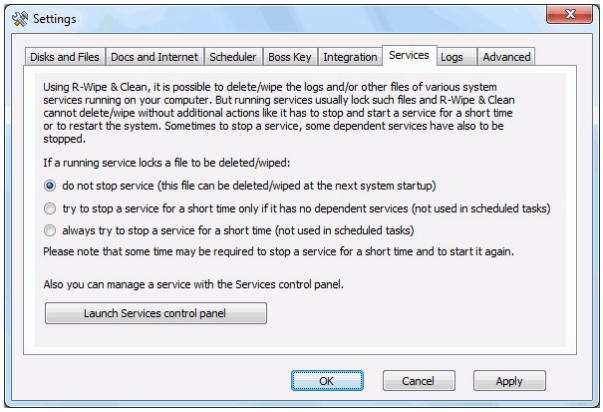
3.7 Services

R-Wipe&Clean can delete and wipe many files (logs, for example) created by various system services. Usually, those services lock the files making it impossible to access them. On the **Services** tab, you may specify what to do in this case.

Services tab


Settings
Disks and Files
Docs and Internet
Scheduler
Boss Key
Integration
Services
Logs
Advanced
Using R-Wipe & Clean, it is possible to delete/wipe the logs and/or other files of various system services running on your computer. But running services usually lock such files and R-Wipe & Clean cannot delete/wipe without additional actions like it has to stop and start a service for a short time or to restart the system. Sometimes to stop a service, some dependent services have also to be stopped.
If a running service locks a file to be deleted/wiped:
do not stop service (this file can be deleted/wiped at the next system startup)
try to stop a service for a short time only if it has no dependent services (not used in scheduled tasks)
always try to stop a service for a short time (not used in scheduled tasks)
Please note that some time may be required to stop a service for a short time and to start it again.
Also you can manage a service with the Services control panel.
Launch Services control panel
OK
Cancel
Apply

If a running service locks a file to be deleted /wiped:	
do not stop service (this file can be deleted/wiped at the next system startup)	If this option is selected, **R-Wipe&Clean** will not try to stop the service. The file will be wiped / deleted at the next system startup.
try to stop a service for a short time only if it has no dependent services (not used in scheduled tasks)	If this option is selected, **R-Wipe&Clean** will try to stop the service for a short time to wipe / delete the locked file only if there is no other services dependent on that service. This option will not.applicable for scheduled tasks.
try to stop a service for a short time only if it has no dependent services (not used in scheduled tasks)	If this option is selected, **R-Wipe&Clean** will try to stop the service for a short time to wipe / delete the locked file. This option will not.applicable for scheduled tasks.

If necessary, you may start the Service control panel to manage services by clicking the **Launch Service control panel** button.

- **R-Wipe&Clean Overview**
- **R-Wipe&Clean Main Panel**
- **Wiping**
- **Cleaning a Computer**
- **Wiping Tasks and Scheduler**
- **Popup Blocker**
- **Startup Rename Manager**
- **Unblocking R-Wipe & Clean in Anti-Malware Programs**
- **Contact Information and Technical Support**

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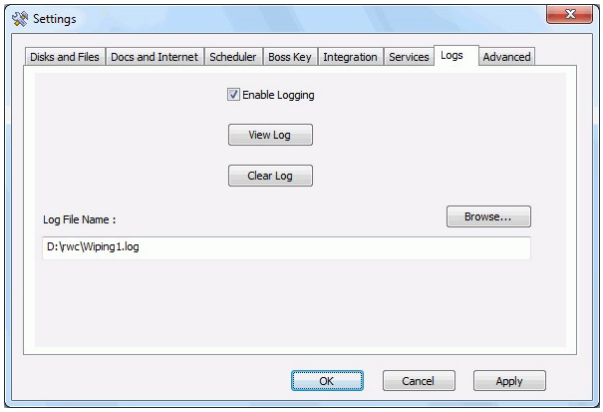
3.8 Logging

You may set log setting on the **Logs** tab of the **Settings** panel. You may reach this panel either by clicking the **Settings** button on the respective right panel, or by selecting **Settings** on the **Tools** menu.

Logs tab



Log file example...

```
12/23/2013  9:40:06 PM  Wiping Unused Space on D: (Time: 2818 sec.)          Ok.
12/23/2013  10:27:05 PM Wiping MFT on D: (Time: 22 sec.)          Ok.
12/23/2013  10:27:27 PM Cleaning Attached Printers List (System Registry Traces of
Tester 1)         Ok.
12/23/2013  10:27:27 PM Deleting link to Last Opened Registry Key (System Registry
Traces of Tester 1)           Ok.
12/23/2013  10:27:27 PM Cleaning Mapped Network Drives List (System Registry Traces
of Tester 1)            Ok.
12/23/2013  10:27:27 PM Deleting links to Recent Direct3D Applications (System
Registry Traces of Tester 1)        Ok.
12/23/2013  10:27:27 PM Deleting links to Recent DirectDraw Applications (System
Registry Traces of Tester 1)        Ok.
12/23/2013  10:27:27 PM Deleting links to Recent DirectInput Applications (System
Registry Traces of Tester 1)        Ok.
12/23/2013  10:27:27 PM Deleting traces of Removed Dial-up Connections (System
Registry Traces of Tester 1)        Ok.
12/23/2013  10:27:27 PM Cleaning Run list (System Registry Traces of Tester 1)
            Ok.
12/23/2013  10:27:27 PM Cleaning Start Menu Search Autocomplete (System Registry
Traces of Tester 1)           Ok.
12/23/2013  10:27:27 PM Deleting Stored Commands of Removed Applications in the
Internet Explorer Shortcut Menu (System Registry Traces of Tester 1)          Ok.
12/23/2013  10:27:27 PM Deleting Stored Computer Descriptions (System Registry
Traces of Tester 1)           Ok.
12/23/2013  10:27:27 PM Deleting Stored Locations of Removed COM Object
Applications (System Registry Traces of Tester 1)           Ok.
12/23/2013  10:27:27 PM Deleting Stored Locations of Removed Applications with
configured Elevation Policy (System Registry Traces of Tester 1)        Ok.
12/23/2013  10:27:27 PM Deleting Stored Media Player Paths (System Registry Traces
of Tester 1)            Ok.
12/23/2013  10:27:27 PM Deleting Stored Startup Applications (System Registry
Traces of Tester 1)           Ok.
```

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```
12/23/2013  10:27:27 PM Deleting links to Recent Direct3D Applications (Common
System Registry Traces)       Ok.
12/23/2013  10:27:28 PM Deleting links to Recent DirectDraw Applications (Common
System Registry Traces)       Ok.
12/23/2013  10:27:28 PM Deleting links to Recent DirectInput Applications (Common
System Registry Traces)       Ok.
12/23/2013  10:27:28 PM Deleting Stored AutoPlay Event Handlers (Common System
Registry Traces)        Ok.
12/23/2013  10:27:28 PM Deleting Stored Locations of Removed Applications (Common
System Registry Traces)       Ok.
12/23/2013  10:27:28 PM Deleting Stored Locations of Removed Applications
authorized for Windows Firewall Domain Profiles (Common System Registry Traces)
            Ok.
12/23/2013  10:27:28 PM Deleting Stored Locations of Removed Applications Help
Files (Common System Registry Traces)           Ok.
12/23/2013  10:27:28 PM Deleting Stored Locations of Removed COM Object
Applications (Common System Registry Traces)          Ok.
12/23/2013  10:27:28 PM Deleting Stored Locations of Removed Applications with
configured Elevation Policy (Common System Registry Traces)       Ok.
12/23/2013  10:27:28 PM Deleting Stored Locations of Removed Image Acquisition
Applications (Common System Registry Traces)          Ok.
12/23/2013  10:27:28 PM Deleting Stored Startup Applications (Common System
Registry Traces)        Ok.
12/23/2013  10:27:28 PM Deleting History        Ok.
12/23/2013  10:27:28 PM Deleting link to Last Save Directory (Auxiliary Traces)
            Ok.
12/23/2013  10:27:28 PM Deleting link to Last Download Directory (Auxiliary Traces)
            Ok.
12/23/2013  10:27:28 PM Deleting links to Recent Menu Encodings (Auxiliary Traces)
            Ok.
12/23/2013  10:27:28 PM Deleting links to Recent Page Encodings (Auxiliary Traces)
            Ok.
12/23/2013  10:27:28 PM Wiping Downloads History            Ok.
12/23/2013  10:27:28 PM Deleting Typed URLs           Ok.
12/23/2013  10:27:28 PM Deleting Autocomplete         Ok.
12/23/2013  10:27:28 PM Wiping Cached Feeds           Ok.
12/23/2013  10:27:28 PM Wiping Flash Player Cookies         Ok.
12/23/2013  10:27:29 PM Wiping Cached DOM Files       Ok.
12/23/2013  10:27:30 PM Cleaning Stored Favorites Menu Order            Ok.
12/23/2013  10:27:30 PM Wiping Cached Certification Files         Ok.
12/23/2013  10:27:37 PM Wiping InPrivate Filtering Saved Addresses            Ok.
12/23/2013  10:27:37 PM Deleting Browser Extensions Using Statistics          Ok.
12/23/2013  10:27:37 PM Empting Clipboard       Ok.
12/23/2013  10:27:37 PM Wiping Component-Based Servicing Log Files            Ok.
12/23/2013  10:27:38 PM Wiping Encrypted Installer Engine Log Files           Ok.
12/23/2013  10:27:38 PM Wiping Internet Explorer Error Log Files        Ok.
12/23/2013  10:27:38 PM Wiping Memory Dump Files            Ok.
12/23/2013  10:27:38 PM Wiping Modem Log Files        Ok.
12/23/2013  10:27:38 PM Wiping Network Setup Wizard Log Files           Ok.
12/23/2013  10:27:38 PM Wiping Old ChkDsk Files       Ok.
12/23/2013  10:27:38 PM Wiping Region and Language Options Log Files          Ok.
12/23/2013  10:27:38 PM Wiping Setup Temporary Files        Ok.
12/23/2013  10:27:38 PM Wiping System Repair Log Files            Ok.
```

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```
12/23/2013  10:27:38 PM Wiping Timezone Changes Log Files         Ok.
12/23/2013  10:27:38 PM Wiping Web Publishing Wizard Log Files          Ok.
12/23/2013  10:27:38 PM Wiping Windows Fault Detection Utility Log Files
      Ok.
12/23/2013  10:27:38 PM Wiping Windows System Assessment Tool (WinSAT) Log Files
          Ok.
12/23/2013  10:27:38 PM Cleaning Windows Events Logs        Ok.
12/23/2013  10:27:38 PM Wiping Invalid Desktop Shortcuts.         Ok.
12/23/2013  10:27:38 PM Deleting MFU Registry Traces        Ok.
12/23/2013  10:27:38 PM Cleaning Stored Start Menu Order          Ok.
12/23/2013  10:27:38 PM Wiping Prefetch Traces        Ok.
12/23/2013  10:27:58 PM Wiping Defragmentation List         Ok.
12/23/2013  10:27:59 PM Cleaning Stored Explorer View Settings          Ok.
12/23/2013  10:27:59 PM Cleaning Stored Application Descriptions of Tester 1
      Ok.
12/23/2013  10:27:59 PM Deleting Stored COM Class Identifiers of Tester 1
      Ok.
12/23/2013  10:27:59 PM Deleting Stored Control Panel Extensions        Ok.
12/23/2013  10:27:59 PM Deleting Stored Environment Variables of Tester 1
      Ok.
12/23/2013  10:27:59 PM Deleting Stored File Types of Tester 1          Ok.
12/23/2013  10:27:59 PM Wiping Cached Icons           Ok.
12/23/2013  10:27:59 PM Wiping Cached Fonts           Ok.
12/23/2013  10:27:59 PM Deleting Cached Wallpapers          Ok.
12/23/2013  10:27:59 PM Wiping Common Language Runtime Logs       Ok.
12/23/2013  10:28:00 PM Wiping AutoDiscovery/AutoPurge (ADAP) Log Files       Ok.
12/23/2013  10:28:00 PM Wiping Directory Services Provider Log Files          Ok.
12/23/2013  10:28:00 PM Wiping Event Log Provider Log Files       Ok.
12/23/2013  10:28:00 PM Wiping Managed Object Format (MOF) Compiler Log Files
      Ok.
12/23/2013  10:28:00 PM Wiping Provider Framework and Win32 Provider Log Files
          Ok.
12/23/2013  10:28:00 PM Wiping WMI Setup Log Files          Ok.
12/23/2013  10:28:00 PM Wiping Simple Network Management Protocol (SNMP) Provider
Log Files         Ok.
12/23/2013  10:28:00 PM Wiping View Provider Log Files            Ok.
12/23/2013  10:28:00 PM Wiping WMI Core Log Files           Ok.
12/23/2013  10:28:00 PM Wiping WMI-enabled Windows Driver Model (WDM) Drivers Log
Files       Ok.
12/23/2013  10:28:00 PM Wiping WMI Event Subsystem Log Files            Ok.
12/23/2013  10:28:00 PM Wiping WMI Event Tracing Logs       Ok.
12/23/2013  10:28:00 PM Wiping WMI Management Application Log Files           Ok.
12/23/2013  10:28:00 PM Wiping WMI Proxy Server Log Files         Ok.
12/23/2013  10:28:00 PM Wiping Other WMI Log Files          Ok.
12/23/2013  10:28:00 PM Wiping Active Directory Installation and Removal Log Files
          Ok.
12/23/2013  10:28:00 PM Wiping Active Directory Installation Wizard Log Files
      Ok.
12/23/2013  10:28:00 PM Wiping Blaster Worm Removal Tool Log Files            Ok.
12/23/2013  10:28:00 PM Wiping Domain Controller Promoting Log Files          Ok.
12/23/2013  10:28:00 PM Wiping File Replication Service (FRS) Log Files       Ok.
12/23/2013  10:28:00 PM Wiping Imaging Devices Log Files          Ok.
12/23/2013  10:28:00 PM Wiping Net Logon Service Log Files        Ok.
```

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```
12/23/2013  10:28:00 PM Wiping Networking Setup Log Files         Ok.
12/23/2013  10:28:01 PM Wiping User Environment Log Files         Ok.
12/23/2013  10:28:01 PM Wiping Other Diagnostics Log Files        Warning! File is
locked! It cannot be wiped without system restart.
12/23/2013  10:28:01 PM Wiping Microsoft .NET Framework Logs            Ok.
12/23/2013  10:28:01 PM Wiping COM+ Services Log Files            Ok.
12/23/2013  10:28:01 PM Wiping Internet Information Services Log Files        Ok.
12/23/2013  10:28:01 PM Wiping Task Scheduler (Scheduled Tasks) Service Log Files
            Ok.
12/23/2013  10:28:01 PM Wiping Windows Defender Service Log Files       Warning!
File is locked! It cannot be wiped without system restart.
12/23/2013  10:28:01 PM Wiping Windows Image Acquisition (WIA) Service Log Files
            Ok.
12/23/2013  10:28:01 PM Deleting Stored Network Passwords         Ok.
12/23/2013  10:28:01 PM Deleting Stored Program Identifiers of Tester 1       Ok.
12/23/2013  10:28:01 PM Wiping Stored Start Menu Items of Tester 1            Ok.
12/23/2013  10:28:02 PM Wiping Stored Startup Applications Information of Tester 1
            Ok.
12/23/2013  10:28:02 PM Wiping Windows Update Log           Ok.
12/23/2013  10:28:02 PM Wiping System Setup Log Files       Ok.
12/23/2013  10:28:05 PM Wiping COM+ (Component Services) Setup Log Files
      Ok.
12/23/2013  10:28:05 PM Wiping Connection Manager ACL Setup Log Files         Ok.
12/23/2013  10:28:05 PM Wiping DirectX Setup Log Files            Ok.
12/23/2013  10:28:05 PM Wiping Fax Setup Log Files          Ok.
12/23/2013  10:28:05 PM Wiping Internet Explorer Setup Log Files        Ok.
12/23/2013  10:28:06 PM Wiping Mail and News Setup Log Files            Ok.
12/23/2013  10:28:06 PM Wiping Media Center Setup Log Files       Ok.
12/23/2013  10:28:06 PM Wiping Message Queue Setup Log Files            Ok.
12/23/2013  10:28:06 PM Wiping Microsoft Distributed Transaction Coordinator (DTC)
Setup Log Files         Ok.
12/23/2013  10:28:06 PM Wiping Microsoft VM Setup Log Files       Ok.
12/23/2013  10:28:06 PM Wiping MSN Explorer Optional Components Setup Log Files
            Ok.
12/23/2013  10:28:06 PM Wiping .NET Framework Universal Runtime Optional Components
Setup Log Files         Ok.
12/23/2013  10:28:06 PM Wiping Remote Desktop Help Session Manager Setup Log Files
            Ok.
12/23/2013  10:28:06 PM Wiping Tablet PC Optional Components Setup Log Files
      Ok.
12/23/2013  10:28:06 PM Wiping Terminal Server Optional Components Setup Log Files
            Ok.
12/23/2013  10:28:06 PM Wiping Terminal Server System Preparation Tool Setup Log
Files       Ok.
12/23/2013  10:28:06 PM Wiping Terminal Services Update Log Files       Ok.
12/23/2013  10:28:06 PM Wiping Windows Address Book (WAB) for Outlook Express Setup
Log Files         Ok.
12/23/2013  10:28:06 PM Wiping Windows Digital Media Enhancements Setup Log Files
            Ok.
12/23/2013  10:28:06 PM Wiping Windows Media Player Setup Log Files           Ok.
12/23/2013  10:28:06 PM Wiping Windows Messenger Optional Components Setup Log
Files       Ok.
```

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```
12/23/2013  10:28:06 PM Wiping Bandwidth Allocation Protocol Tracing Log Files
            Ok.
12/23/2013  10:28:06 PM Wiping Extensible Authentication Protocol over LAN Tracing
Log Files         Ok.
12/23/2013  10:28:06 PM Wiping Internet Authentication Service Server Data Object
Tracing Log Files       Ok.
12/23/2013  10:28:06 PM Wiping Kernel-Mode Device Driver Service Provider Tracing
Log Files         Ok.
12/23/2013  10:28:06 PM Wiping Microsoft H.323 Media Service Provider Tracing Log
Files       Ok.
12/23/2013  10:28:06 PM Wiping Microsoft IP Conferencing Media Service Provider
Tracing Log Files       Ok.
12/23/2013  10:28:06 PM Wiping Microsoft IP Conferencing Telephony Service Provider
Tracing Log Files       Ok.
12/23/2013  10:28:06 PM Wiping Microsoft NAT Helper Components Tracing Log Files
            Ok.
12/23/2013  10:28:06 PM Wiping Microsoft TAPI 3 Terminal Manager Tracing Log Files
            Ok.
12/23/2013  10:28:06 PM Wiping Network Connections Manager Tracing Log Files
      Ok.
12/23/2013  10:28:06 PM Wiping Network Connections Shell Tracing Log Files
      Ok.
12/23/2013  10:28:06 PM Wiping Network Driver Proxy Telephony Service Provider
Tracing Log Files       Ok.
12/23/2013  10:28:06 PM Wiping OneExSup Tracing Log Files         Ok.
12/23/2013  10:28:06 PM Wiping Point-to-Point Protocol Tracing Log Files
      Ok.
12/23/2013  10:28:06 PM Wiping Remote Access Service Tracing Log Files        Ok.
12/23/2013  10:28:06 PM Wiping Remote Access Service Bandwidth Allocation Control
Protocol Tracing Log Files          Ok.
12/23/2013  10:28:06 PM Wiping Remote Access Service Challenge Handshake
Authentication Protocol Tracing Log Files       Ok.
12/23/2013  10:28:06 PM Wiping Remote Access Service Common Dialog Tracing Log
Files       Ok.
12/23/2013  10:28:06 PM Wiping Remote Access Service Compression Control Protocol
Tracing Log Files       Ok.
12/23/2013  10:28:06 PM Wiping Remote Access Service Connection Manager Tracing Log
Files       Ok.
12/23/2013  10:28:06 PM Wiping Remote Access Service Extensible Authentication
Protocol Tracing Log Files          Ok.
12/23/2013  10:28:06 PM Wiping Remote Access Service Internet Protocol Control
Protocol Tracing Log Files          Ok.
12/23/2013  10:28:06 PM Wiping Remote Access Service IP Helper Tracing Log Files
            Ok.
12/23/2013  10:28:06 PM Wiping Remote Access Service Password Authentication
Protocol Tracing Log Files          Ok.
12/23/2013  10:28:06 PM Wiping Remote Access Service Phone Book Tracing Log Files
            Ok.
12/23/2013  10:28:06 PM Wiping Remote Access Service Shiva Password Authentication
Protocol Tracing Log Files          Ok.
12/23/2013  10:28:06 PM Wiping Remote Access Service Telephony Tracing Log Files
            Ok.
```

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```
12/23/2013  10:28:06 PM Wiping Remote Access Service Transport Layer Security
Tracing Log Files       Ok.
12/23/2013  10:28:06 PM Wiping Telephony 3 Tracing Log Files            Ok.
12/23/2013  10:28:06 PM Wiping Telephony Client Tracing Log Files       Ok.
12/23/2013  10:28:06 PM Wiping Telephony Server Tracing Log Files       Ok.
12/23/2013  10:28:06 PM Wiping Wave Media Service Provider Tracing Log Files
      Ok.
12/23/2013  10:28:06 PM Wiping Windows Firewall Configuration Helper Tracing Log
Files       Ok.
12/23/2013  10:28:06 PM Wiping Wireless Policy Tracing Log Files        Ok.
12/23/2013  10:28:06 PM Wiping Wireless Zero Configuration Tracing Log Files
      Ok.
12/23/2013  10:28:06 PM Wiping Wireless Zero Configuration Service User Interface
Tracing Log Files       Ok.
12/23/2013  10:28:06 PM Deleting Stored Addresses of Unread Mail        Ok.
12/23/2013  10:28:06 PM Deleting Cached Shell Extensions of Tester 1          Ok.
12/23/2013  10:28:06 PM Wiping Thumbnails Caches            Warning! File is
locked! It cannot be wiped without system restart.
12/23/2013  10:28:08 PM Wiping Windows Search Cache Files of Tester 1         Ok.
12/23/2013  10:28:08 PM Deleting Stored FTP Accounts        Ok.
12/23/2013  10:28:08 PM Deleting links to FTP Folders       Ok.
12/23/2013  10:28:08 PM Wiping Stored Installation Information of Tester 1
      Ok.
12/23/2013  10:28:08 PM Deleting Stored Installer Component Paths of Tester 1
      Ok.
12/23/2013  10:28:08 PM Wiping Stored Installer Packages of Tester 1          Ok.
12/23/2013  10:28:08 PM Deleting Stored Installer Registry Keys of Tester 1
      Ok.
12/23/2013  10:28:08 PM Deleting Stored Locations of Type Libraries of Tester 1
          Ok.
12/23/2013  10:28:08 PM Deleting Stored MIME Types of Tester 1          Ok.
12/23/2013  10:28:08 PM Wiping System Problem Reports       Ok.
12/23/2013  10:28:11 PM Wiping Application Problem Reports        Ok.
12/23/2013  10:28:14 PM Deleting Cached Applications Compatibility Information
          Ok.
12/23/2013  10:28:14 PM Deleting Stored Add or Remove Programs Information
      Ok.
12/23/2013  10:28:14 PM Deleting Stored Add or Remove Programs Paths          Ok.
12/23/2013  10:28:14 PM Deleting Stored Applications Compatibility Settings
      Ok.
12/23/2013  10:28:14 PM Deleting Stored System AutoPlay Handlers Paths        Ok.
12/23/2013  10:28:14 PM Deleting Stored System COM Class Identifiers          Ok.
12/23/2013  10:28:15 PM Deleting Stored COM Interface Identifiers       Ok.
12/23/2013  10:28:15 PM Deleting Stored e-Mail Programs Information           Ok.
12/23/2013  10:28:15 PM Deleting Stored System Environment Variables          Ok.
12/23/2013  10:28:15 PM Deleting Stored Event Logging Applications Information
          Ok.
12/23/2013  10:28:15 PM Deleting Stored System File Types         Ok.
12/23/2013  10:28:16 PM Deleting Stored Firewall Rules            Ok.
12/23/2013  10:28:16 PM Deleting Stored Information of Removed Connection Image
Acquisition Applications            Ok.
12/23/2013  10:28:16 PM Deleting Stored Information of Removed Proxy Image
Acquisition Applications            Ok.
```

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```
12/23/2013  10:28:16 PM Deleting Stored Information of Removed Scan Button Image
Acquisition Applications            Ok.
12/23/2013  10:28:16 PM Wiping Stored System Installation Information         Ok.
12/23/2013  10:28:16 PM Deleting Stored System Installer Component Paths
      Ok.
12/23/2013  10:28:16 PM Deleting Stored Installer Folders         Ok.
12/23/2013  10:28:16 PM Wiping Stored System Installer Packages         Ok.
12/23/2013  10:28:16 PM Deleting Stored System Installer Registry Keys         Ok.
12/23/2013  10:28:16 PM Deleting Stored Locations of Shared Modules            Ok.
12/23/2013  10:28:16 PM Deleting Stored Locations of System Type Libraries
      Ok.
12/23/2013  10:28:16 PM Deleting Stored System MIME Types         Ok.
12/23/2013  10:28:16 PM Deleting Stored News Readers Information         Ok.
12/23/2013  10:28:16 PM Deleting Stored Perceived Types Applications          Ok.
12/23/2013  10:28:16 PM Deleting Stored System Program Identifiers            Ok.
12/23/2013  10:28:16 PM Deleting Stored Scheduled Tasks           Ok.
12/23/2013  10:28:16 PM Deleting Stored Services Information            Ok.
12/23/2013  10:28:17 PM Deleting Stored Legacy Services Information           Ok.
12/23/2013  10:28:17 PM Deleting Stored Web Browsers Information         Ok.
12/23/2013  10:28:17 PM Deleting Stored Wireless Networks Profiles            Ok.
12/23/2013  10:28:17 PM Wiping Checkpoint files (WSUS Data Store Traces)
      Ok.
12/23/2013  10:28:17 PM Wiping Database Logs (WSUS Data Store Traces)         Ok.
12/23/2013  10:28:17 PM Wiping Reserved Transaction Log Files (WSUS Data Store
Traces)           Ok.
12/23/2013  10:28:17 PM Wiping WSUS Events Log        Ok.
12/23/2013  10:28:17 PM Deleting ESE Traces           Ok.
12/23/2013  10:28:17 PM Wiping Error Logs (Cryptographic Services Traces)
      Ok.
12/23/2013  10:28:18 PM Wiping Checkpoint files (Cryptographic Services Traces)
           Ok.
12/23/2013  10:28:18 PM Wiping Log Files (Cryptographic Services Traces)
      Warning! File is locked! It cannot be wiped without system restart.
12/23/2013  10:28:18 PM Wiping Temporary Databases (Cryptographic Services Traces)
           Ok.
12/23/2013  10:28:18 PM Wiping Security Management Checkpoint files           Ok.
12/23/2013  10:28:18 PM Wiping Security Policy Management Log Files           Ok.
12/23/2013  10:28:18 PM Wiping Security Configuration Engine Log Files        Ok.
12/23/2013  10:28:19 PM Wiping Security Management Backup Log Files           Ok.
12/23/2013  10:28:19 PM Wiping Security Management Update Log Files           Ok.
12/23/2013  10:28:19 PM Wiping Security Management Winlogon Log Files         Ok.
12/23/2013  10:28:19 PM Wiping Security Management Temporary Databases        Ok.
12/23/2013  10:28:19 PM Cleaning Links to files recently opened with Open File
Dialogs           Ok.
12/23/2013  10:28:19 PM Cleaning Stored Dialog Boxes Sizes (Dialog Box Traces)
           Ok.
12/23/2013  10:28:19 PM Cleaning Stored Paths to the Initial Directories of the
Dialog Boxes (Dialog Box Traces)          Ok.
12/23/2013  10:28:19 PM Cleaning Stored Paths (Dialog Box Traces)       Ok.
12/23/2013  10:28:19 PM Wiping Links to Recent Documents          Ok.
12/23/2013  10:28:38 PM Wiping Jump Lists       Ok.
12/23/2013  10:28:40 PM Wiping Links to Recent Network Folders          Ok.
12/23/2013  10:28:40 PM Wiping Temporary Internet Files           Ok.
```

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```
12/23/2013  10:28:55 PM Wiping Cookies          Ok.
12/23/2013  10:29:06 PM Wiping Tester 1's Temporary Files         Ok.
12/23/2013  10:29:20 PM Wiping Windows Temporary Files            Ok.
12/23/2013  10:29:23 PM Wiping Recycle Bin Items            Ok.
12/23/2013  10:31:31 PM Deleting links to Local System Recent Direct3D Applications
            Ok.
12/23/2013  10:31:31 PM Deleting Local System's Cached File Extensions        Ok.
12/23/2013  10:31:31 PM Deleting Local System's Cached Shell Extensions       Ok.
12/23/2013  10:31:31 PM Wiping Cached Windows Presentation Foundation Fonts
      Warning! File is locked! It cannot be wiped without system restart.
12/23/2013  10:31:32 PM Deleting Local System's Stored Application Descriptions
            Ok.
12/23/2013  10:31:32 PM Deleting Local System's Stored AutoPlay Handlers Paths
            Ok.
12/23/2013  10:31:32 PM Deleting Local System's Stored AutoPlay Handling Events
            Ok.
12/23/2013  10:31:32 PM Deleting Local System's Stored Internet Explorer Shortcut
Menu Extensions         Ok.
12/23/2013  10:31:32 PM Wiping Common Windows Search Cache Files        Ok.
12/23/2013  10:31:32 PM Wiping Windows Search Indexing Files            Ok.
12/23/2013  10:31:32 PM Wiping Windows Search Stream Log Files          Warning!
File is locked! It cannot be wiped without system restart.
12/23/2013  10:31:34 PM Wiping Indexing Databases           Ok.
12/23/2013  10:31:34 PM Wiping Indexing Database Log Files        Ok.
12/23/2013  10:31:34 PM Wiping Indexing Document Identifiers Map        Ok.
12/23/2013  10:31:34 PM Wiping Indexing Gathering Log Files       Ok.
12/23/2013  10:31:34 PM Wiping Indexing History Hash Map          Ok.
12/23/2013  10:31:34 PM Wiping Indexing Properties Map            Warning! File is
locked! It cannot be wiped without system restart.
12/23/2013  10:31:34 PM Wiping Indexing Reserved Transaction Log Files        Ok.
12/23/2013  10:31:34 PM Wiping Indexing Security Store            Warning! File is
locked! It cannot be wiped without system restart.
12/23/2013  10:31:34 PM Wiping Indexing Temporary Files           Ok.
12/23/2013  10:31:34 PM Wiping Stored Common Start Menu Items           Ok.
12/23/2013  10:31:34 PM Wiping Stored Common Startup Applications Information
      Ok.
```


- R-Wipe&Clean Overview
- R-Wipe&Clean Main Panel
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- Cleaning a Computer
- Wiping Tasks and Scheduler
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- Startup Rename Manager
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- Contact Information and Technical Support

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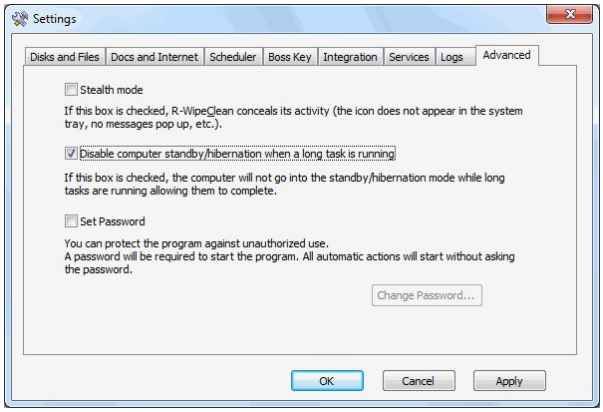
3.9 Advanced

You may set some advanced options on the **Advanced** tab of the **Setting** panel.

Advanced tab


Settings
Disks and Files
Docs and Internet
Scheduler
Boss Key
Integration
Services
Logs
Advanced
Stealth mode
If this box is checked, R-WipeClean conceals its activity (the icon does not appear in the system tray, no messages pop up, etc.).
Disable computer standby/hibernation when a long task is running
If this box is checked, the computer will not go into the standby/hibernation mode while long tasks are running allowing them to complete.
Set Password
You can protect the program against unauthorized use.
A password will be required to start the program. All automatic actions will start without asking the password.
Change Password...
OK
Cancel
Apply

Stealth mode	If this option is selected, **R-Wipe&Clean** conceals its activity. Its icon does not appear in the system try, no messages pop up, etc.
Disable computer standby/hibernation when a long task is running	If this option is selected, your computer will not go into the standby/hibernation mode while long tasks are running allowing them to complete.
Set Password	You may protect the program against unauthorized use. If this option is selected, a password will be required to start **R-Wipe&Clean**. All automatic actions will start without asking the password.

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- **Contact Information and Technical Support**

IV Wiping and Cleaning

It is incredible how much your personal information may be found in your computer. Actually, your PC is the best spy on you. It is constantly logging, quietly and accurately, each program you started, document you opened, music or movie you played, each web site you visited, even each printer or other peripheral device you attached. Moreover, it also constantly makes "temporary" copies of any opened file, and not always it erases them when you are through with that file. Contents of deleted files remain on hard drives and can be easily brought back using inexpensive and easily available data recovery utilities. Anyone who can snoop into your computer could

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make quite an exact profile of you. Such snooping can be made even remotely when you are on the Internet.

To make the things worse, there is no built-in system routines that might clean all those records and links. On the contrary, Windows does everything possible to keep all that data as long as possible. That is why you need to use **R-Wipe&Clean** to protect yourself from such snooping.

- R-Wipe&Clean Overview
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- Contact Information and Technical Support

4.1 Wiping

Wiping files

Simply deleting a file does not mean that the data of this file are gone for good. When you delete a file, even when the **Recycle Bin** is disabled, Windows writes some information on the disk that this particular file should be treated as unneeded, and its space may be allocated for other file. Until data from the next file are written over the deleted one, the deleted data may be easily recovered using inexpensive and easily available data recovery utilities. To completely destroy the data, it must be overwritten, sometimes not once. Such process is called *wiping*. **R-Wipe&Clean** wipes files, making their recovery virtually impossible. It also wipes file's alternate data streams, cluster tips, and records of small files stored directly into NTFS Master Table.

You may wipe a single file selecting **Delete and wipe** on the Windows Explorer shortcut menu, or several files and folders on the **Wipe Lists** panel.

Wiping disk unused space

Even if you have wiped all deleted files, that does not mean that no data from them remain on your hard drive. If you have rewritten your files many times, for example, while editing, some previous copies of the files may still remain on the disk without a slightest notice of their existence. Also, Windows constantly writes and deletes its own temporary files on disks. Such files are not visible to users, but may contain some data from your own files and programs. Such pieces of your data still remain even after you format the disk. There are special data recover utilities that analyze unused space on disks and can restore many files that you believe to be completely wiped and deleted. **R-Wipe&Clean** wipes unused disk space, making such analysis of disk space useless.

You may wipe unused disk space on a single disk using the **R-Wipe&Clean** tab in disk **Properties**, or on several disks at once on the **Unused Space** panel.

The default wiping settings may be set on the **Disks and Files** tab of the **Settings** panel.

- R-Wipe&Clean Overview
- R-Wipe&Clean Main Panel
- Customization, Settings, and Logging
- Cleaning a Computer

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- Wiping Tasks and Scheduler
- Popup Blocker
- Startup Rename Manager
- Unblocking R-Wipe & Clean in Anti-Malware Programs
- Contact Information and Technical Support

4.1.1 Wiping Files

Attention! Once wiped, a file cannot be restored! No Windows or third-party data recovery utility can do this!

Wiping a Single File

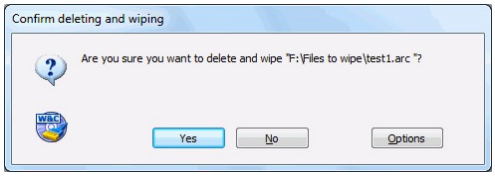
You do not have to start **R-Wipe&Clean** to wipe and delete a single file. You may do this from Windows Explorer. Make sure that you have the **Wipe files and folders directly from the shortcut menu** check box selected on the **Integration** tab.

To wipe a file,

- Right-click the file in Windows Explorer and select **Delete and Wipe!** on the shortcut menu.

The **Confirm deleting and wiping** dialog box will appear.

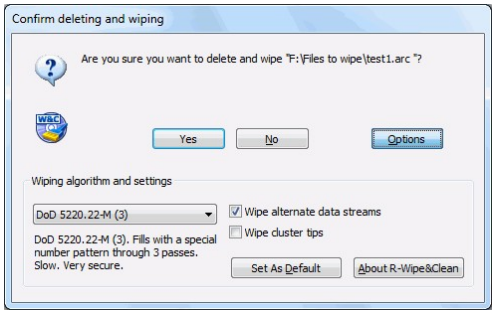
Confirm deleting and wiping dialog box



- Click the **Yes** button, and **R-Wipe&Clean** will wipe the file with default wiping settings.

If you want to change the wiping settings for this file, click the **Options** button on the **Confirm deleting and wiping** dialog box. You may also set the new settings as default.

Confirm deleting and wiping dialog box (Options are enabled)


Confirm deleting and wiping
Are you sure you want to delete and wipe "F:\Files to wipe\test1.arc "?
Yes
No
Options
Wiping algorithm and settings
DoD 5220.22-M (3)
Wipe alternate data streams
Wipe cluster tips
DoD 5220.22-M (3). Fills with a special number pattern through 3 passes. Slow. Very secure.
Set As Default
About R-Wipe&Clean

Wiping Several Files at Once

If you want to delete and wipe several files at once, go to the **Wipe Lists** section for details.

Wiping Recycle Bin

You do not have to start **R-Wipe&Clean** to wipe the content of **Recycle Bin**. Make sure that the **Wipe Recycle Bin from the shortcut menu** option on the **Integration** tab is selected.

To wipe the content of Recycle Bin,

- Right-click the **Recycle Bin** and select **Wipe and Empty!** on the shortcut menu.

The **Confirm deleting and wiping** dialog box will appear.

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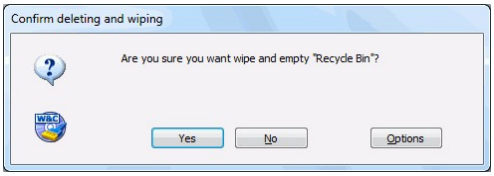
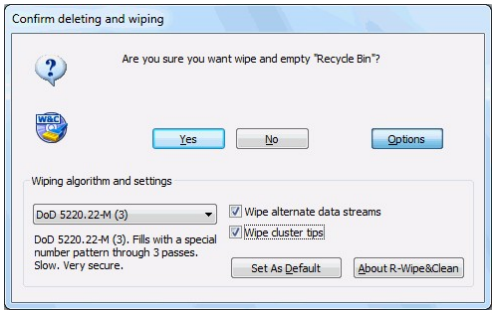
Confirm deleting and wiping dialog box



- Click the **Yes** button, and **R-Wipe&Clean** will wipe the **Recycle Bin** with default wiping settings.

If you want to change the **wiping settings** for the **Recycle Bin**, click the **Options** button on the **Confirm deleting and wiping** dialog box. You may also set the new settings as default.

Confirm deleting and wiping dialog box **(Options are enabled)**


Confirm deleting and wiping
Are you sure you want wipe and empty "Recycle Bin"?
Yes
No
Options
Wiping algorithm and settings
DoD 5220.22-M (3)
Wipe alternate data streams
Wipe cluster tips
DoD 5220.22-M (3). Fills with a special number pattern through 3 passes. Slow. Very secure.
Set As Default
About R-Wipe&Clean

You may also delete the content of the **Recycle Bin** on the **System** panel. Go to the **Cleaning System** section for details.

You may also wipe system's swap files. Go to the **Cleaning System** section for details.

Default file wiping settings may be specifically set on the **Disks and Files** tab of the **Settings** panel.

- **R-Wipe&Clean Overview**
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4.1.2 Wipe Lists

Attention! Once wiped, a file cannot be restored! No Windows or third-party data recovery utility can do this!

You may specify files and folders, and registry keys or key values that will be wiped and deleted through a single wipe and delete task on the **Wipe Lists** panel. Moreover, you may store such ***wipe lists*** to retrieve them and wipe later. You may also include wipe lists into a large wiping and cleaning task. Go to the **Setting a Large Wipe and Clean Task** section for details.

Some programs have their own temporary or scratch folders. It is wise to have them included in such wipe lists if you want to completely erase all temporary data from such programs.

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Wiping wipe lists

To wipe a single wipe list,

- In the **BarView**, click the required wipe list
  In the **TreeView**, select the required wipe list

Contents of the selected wipe list will appear in the **right pane**.

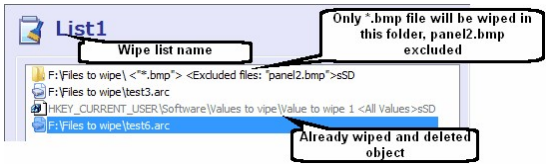
- Click the **Wipe and Delete** button.

The **Are you sure?** dialog box will appear.

- Click the **Yes** button.

R-Wipe&Clean will start wiping the wipe list and the **Wiping Wipe Lists** dialog box will appear.

Contents of the selected wipe list



Folders:

< >: File mask
s: Wipe files in subfolders
S: Delete empty subfolders upon wiping files.
D: Delete the folder if it becomes empty after wiping files.

Registry keys:

s: Delete values in subkeys
S: Delete empty subkeys upon deleting theire values.
D: Delete the key if it becomes empty after deleting its values.
d: Delete value data only.

To wipe several wipe list,

- In the **BarView**, click **Wipe Lists**
  In the **TreeView**, select **Wipe Lists**

List of **all wipe lists** will appear in the right pane.

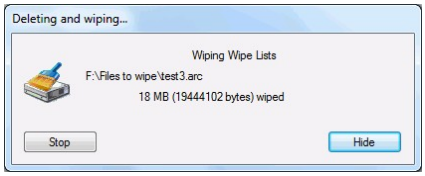
- Select the required wipe lists and click the **Wipe List** button.

The **Are you sure?** dialog box will appear.

- Click the **Yes** button.

R-Wipe&Clean will start wiping the wipe list and the **Wiping Wipe Lists** dialog box will appear.

Wiping Wipe Lists dialog box



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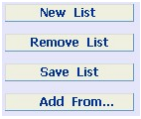
Managing wipe lists

You may manage wipe lists using the **wipe list management** buttons.

More information...

To create a new wipe list, • In the **BarView**, click **Wipe Lists** In the **TreeView**, select **Wipe Lists** • Click the **New List** button on the **wipe list management** buttons. A **<New List>** will appear in the right pane.	**To remove a wipe list,** • In the **BarView**, click **Wipe Lists** In the **TreeView**, select **Wipe Lists** • Click the **Remove List** button on the **wipe list management** buttons. A **Do you really want to remove list...** dialog box will appear. • Click the **Yes** button. **R-Wipe&Clean** will remove the wipe list.
To save a new wipe list, • In the **BarView**, click **Wipe Lists** In the **TreeView**, select **Wipe Lists** • Click the **Save List** button on the **wipe list management** buttons and, If necessary, specify its name.	**To add files/folders from another wipe list,** • In the **BarView**, click **Wipe Lists** In the **TreeView**, select **Wipe Lists** • Click the **Add From...** button on the **wipe list management** buttons and select the necessary wipe list.

Wipe list management buttons



New List: Click this button to start a new empty wiping list

Remove List: Click this button to remove this wiping list

Save List: Click this button to save this wiping list

Add From... Click this button to add the content of another wiping list

Managing files/folders in wipe lists

You may add a file to the current wipe list directly from Windows Explorer. Right-click the file and select the **Add to the wipe list** item from the shortcut menu. Make sure that the **Add files and folders to a wipe list from the shortcut menu** check box is selected on the **Integration** tab.

You may add a single file by dragging and dropping it to the **Wipe Lists** panel.

You may add/remove files and folders to/from the list using the **file management** buttons. When you add a folder to the wipe list, the **Add folder...** dialog box will appear. You may set a file mask for files in the folder and specify files that are not to be wiped if they even match the file masks.

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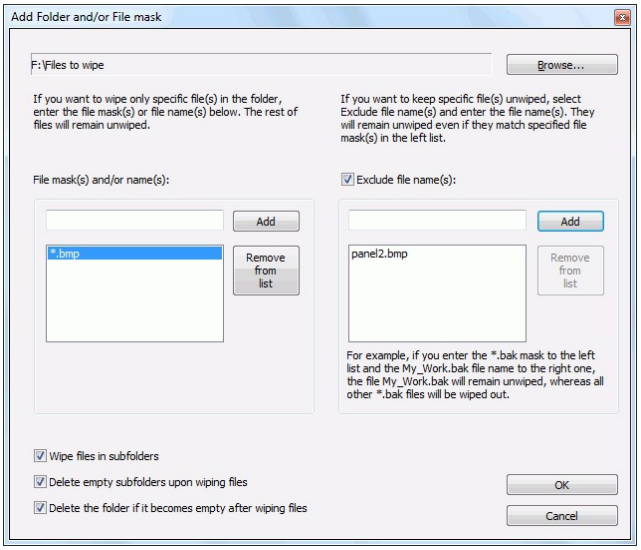
Add folder... dialog box


Add Folder and/or File mask
F:\Files to wipe
Browse...
If you want to wipe only specific file(s) in the folder, enter the file mask(s) or file name(s) below. The rest of files will remain unwiped.
If you want to keep specific file(s) unwiped, select Exclude file name(s) and enter the file name(s). They will remain unwiped even if they match specified file mask(s) in the left list.
File mask(s) and/or name(s):
Exclude file name(s):
Add
*.bmp
Remove from list
Add
panel2.bmp
Remove from list
For example, if you enter the *.bak mask to the left list and the My_Work.bak file name to the right one, the file My_Work.bak will remain unwiped, whereas all other *.bak files will be wiped out.
Wipe files in subfolders
Delete empty subfolders upon wiping files
Delete the folder if it becomes empty after wiping files
OK
Cancel

Add folder options

File mask	Specifies file mask to add files in the folder.
Wipe files in subfolders	If this box is checked, all sub-folders will also be wiped.
Delete folder after wiping its contents	If this box is checked, the folder will be deleted when its content is wiped.
Delete the folder if it becomes empty after wiping files	If this option is selected, the folder will be deleted if it becomes empty after wiping files in it.

You may also add a key or specific value in a key from Registry that will be deleted.

More information...

To a add file/folder to a wipe list, • In the **BarView**, click the required wipe list In the **TreeView**, select click the required wipe list • Click the **Add File** button on the **file management** buttons and add the required file/folder to the wipe list. The file/folder will appear in the wipe list.	**To remove a file/folder from a wipe list,** • In the **BarView**, click the required wipe list In the **TreeView**, select click the required wipe list • Select a file or folder you want to remove and click the **Remove from List** button on the **file management** buttons. The selected file will be removed from the list.
To add a registry key or key values to a wipe list, • In the **BarView**, click the required wipe list In the **TreeView**, select click the required wipe list • Click the **Add Registry Key** button on the **file management** buttons and select the required Registry key or separate key value on the **Add Registry Keys/Values** dialog box to add them to the wipe list.	**To remove a registry key or key values from a wipe list,** • In the **BarView**, click the required wipe list In the **TreeView**, select click the required wipe list • Select a registry key or key values you want to remove and click the **Remove from List** button on the **file management** buttons. The selected registry key or key values will be removed from the list.

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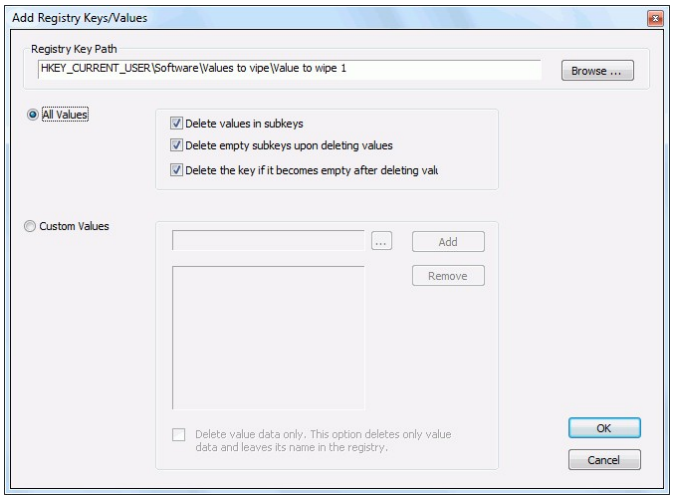
You may add either all values in the selected key, or only specific values in it. The added Registry keys or values will appear in the wipe list.	

Default file wiping settings may be specifically set on the **Disks and Files** tab of the **Settings** panel.

Add Registry Keys/Values dialog box


Add Registry Keys/Values
Registry Key Path
HKEY_CURRENT_USER\Software\Values to vipe\Value to wipe 1
Browse ...
All Values
Delete values in subkeys
Delete empty subkeys upon deleting values
Delete the key if it becomes empty after deleting valı
Custom Values
...
Add
Remove
Delete value data only. This option deletes only value data and leaves its name in the registry.
OK
Cancel

File management buttons

Add file...: Click this button to add files to the wiping list

Add folder...: Click this button to add a folder to the wiping list. You may also specify a file mask for that folder.

Add Registry Key: Click this button to add a key from **Registry** that will be deleted.

Remove from list: Click this button to remove a selected item from the wiping list

- **R-Wipe&Clean Overview**
- **R-Wipe&Clean Main Panel**
- **Customization, Settings, and Logging**
- **Cleaning a Computer**
- **Wiping Tasks and Scheduler**
- **Popup Blocker**
- **Startup Rename Manager**
- **Unblocking R-Wipe & Clean in Anti-Malware Programs**
- **Contact Information and Technical Support**

4.1.3 Wiping Unused Disk Space

Attention! When a disk is wiped, all previously deleted files cannot be restored! No Windows or third-party data recovery utility can do this!

You do not have to start **R-Wipe&Clean** to wipe unused space on a single disk. You may do this from

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Windows Explorer. Make sure that the **Add the R-Wipe&Clean tab to the disk Properties** check box is selected on the **Integration** tab.

You may also include disk wiping into a large wiping and cleaning task. Go to the **Setting a Large Wipe and Clean Task** section for details.

Disk data you can wipe depends on your user account type and Windows version.

Data that can be wiped:

		System Disk		Non-System Disk	
		Free space	**MFT**	**Free space**	**MFT**
Windows 10	**Administrator**	Yes	Yes	Yes	Yes
	User (Standard Account)	Yes	No	Yes	Yes
	Guest	No	No	No	No
Windows 8/8.1	**Administrator**	Yes	Yes	Yes	Yes
	User (Standard Account)	Yes	No	Yes	Yes
	Guest	No	No	No	No
Windows 7	**Administrator**	Yes	Yes	Yes	Yes
	User (Standard User)	Yes	No	Yes	Yes
	Guest	No	No	No	No
Windows Vista	**Administrator**	Yes	Yes	Yes	Yes
	User (Standard User)	Yes	No	Yes	Yes
	Guest	No	No	Yes	No
Windows XP	**Administrator**	Yes	Yes	Yes	Yes
	User (Limited Account)	Yes	No	Yes	No
	Guest	Yes	No	Yes	No

To wipe unused disk space on a single disk,

- Right-click the disk in Windows Explorer, and select **Wipe free space!** on the menu.

The **R-Wipe&Clean** tab will appear.

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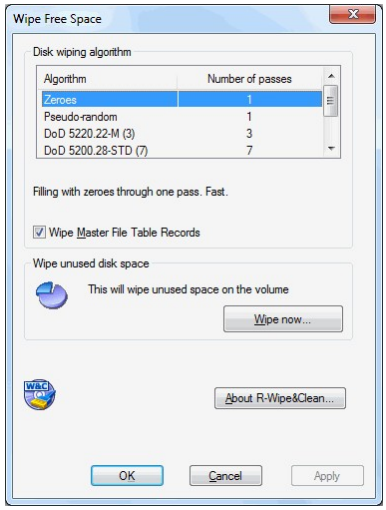
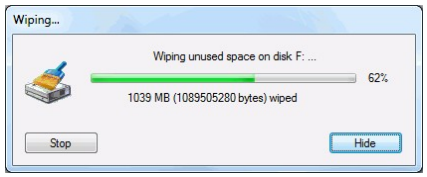
R-Wipe&Clean tab



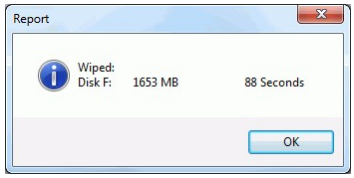
- Select the wiping settings for this disk and click the **Wipe now** button.

R-Wipe&Clean will start wiping the disk, and the **Wiping** dialog box will appear showing the wiping progress. When **R-Wipe&Clean** finishes wiping, the **Report** dialog box will appear.

Wiping dialog box



Report dialog box



To wipe unused disk space on several disks,

- In the **BarView**, click **Unused Space**
  In the **TreeView**, select **Unused Space**

The **Unused Space** settings will appear in the right pane.

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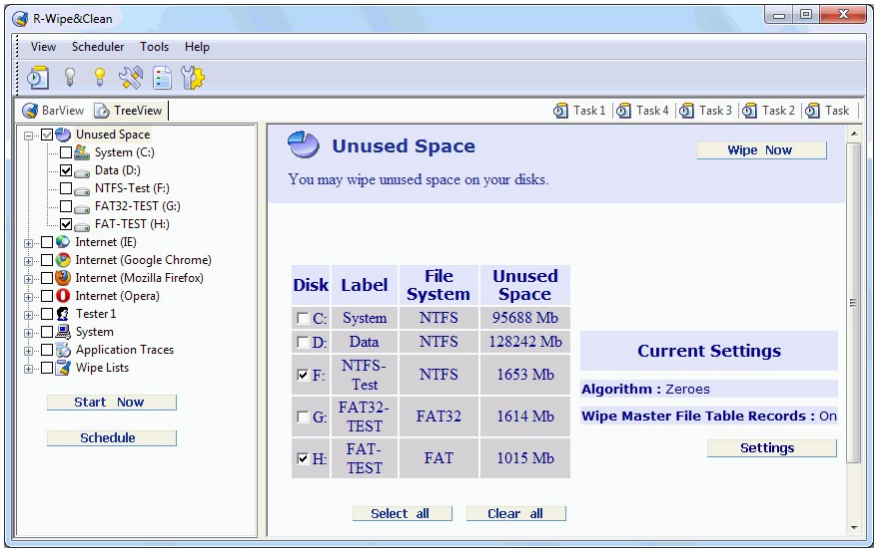
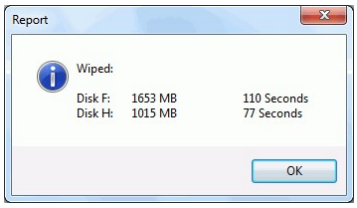
Unused Space settings



- Select the disks you want to wipe.
- If necessary, change the wiping settings, and click the **Wipe Now** button.

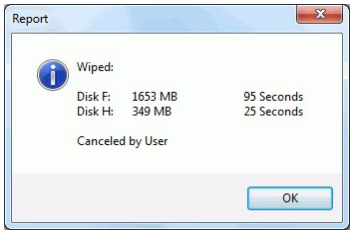
R-Wipe&Clean will start wiping the disk, and the **Wiping** dialog box will appear showing the wiping progress. When **R-Wipe&Clean** finishes wiping, the **Report** dialog box will appear.

Report dialog box



You may interrupt wiping. Click the **Stop** button. Wiping will be stoped, and the **Report** dialog box will appear, showing how much of unused space has been wiped.

Report dialog box (stopped by user)



To learn more about wiping algorithms, go to the **Wiping Algorithms** section. Default disk wiping settings may be set on the **Disks and Files** tab of the **Settings** panel.

- **R-Wipe&Clean Overview**
- **R-Wipe&Clean Main Panel**
- **Customization, Settings, and Logging**
- **Cleaning a Computer**
- **Wiping Tasks and Scheduler**
- **Popup Blocker**

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- Startup Rename Manager
- Unblocking R-Wipe & Clean in Anti-Malware Programs
- Contact Information and Technical Support

4.2 Cleaning a Computer

On-line Activity:

You computer stores links to each web site visited by you in the `History` folder. It also keeps contents, such as pictures, texts, flash movies, audio files, of the web pages visited by you in the `Temporary Internet Files` folder. It also stores *cookies* from the web sites visited by you. Cookies are small files that web sites store on your computers for identification purposes. Web passwords and all other information you might enter filling web forms are also stored on your computer. Any snooper who has access to this information can easily tell where and when you have been, or how long you have been on a certain web site. Deleting internet cache and history will not help, as Windows stores such information in many, and not easily accessible, places. **R-Wipe&Clean** unrecoverably deletes such information and files.

Personal data, Built-in Account Traces, Program Data, and System traces:

Your computer stores links to all recently opened documents, started programs, mapped network drives, attached peripheral devices, search results, etc. Windows and other programs store their temporary files in a special `Temp` folder. Such temporary files contain data from your permanent files. **R-Wipe&Clean** unrecoverably deletes such links and files.

Application Traces

You may also clean links to files open by a number of applications.

Default cleaning settings may be specifically set on the **Docs and Internet** tab of the **Settings** panel.

- R-Wipe&Clean Overview
- R-Wipe&Clean Main Panel
- Customization, Settings, and Logging
- Wiping
- Wiping Tasks and Scheduler
- Popup Blocker
- Startup Rename Manager
- Unblocking R-Wipe & Clean in Anti-Malware Programs
- Contact Information and Technical Support

4.2.1 Cleaning Internet Activity

You may clean your computer from many traces and links from your Internet activity that your computer stores in many places. You may include computer cleaning into a large wiping and cleaning task. Go to the Setting a Large Wipe and Clean Task section for details.

R-Wipe&Clean automatically detects most popular internet browsers and shows them in its **BarView** or **TreeView**. The list of items visible on the **Internet** panel can be edited on the **Customize** panel.

To clean traces of internet activity,

- In the **BarView**, click **the Internet** (or a required browser)

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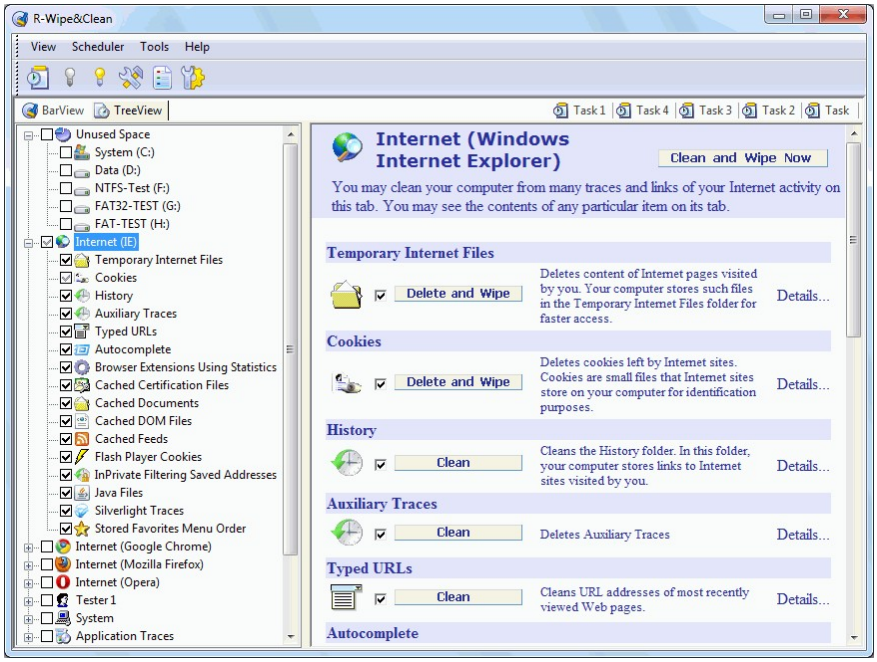
In the **TreeView**, select the **Internet** (or a required browser)

The **Internet** panel appears in the right pane. The name of browser appears in parentheses. Depending on the browser, the content of the **Internet** panel may vary.

Internet (Windows Internet Explorer) panel



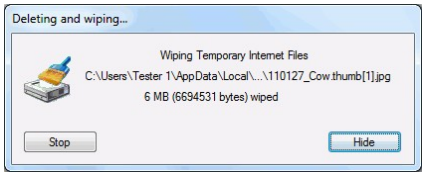
- Select the required items and click the **Clean and Wipe Now** button.

  If you only delete files, they may be later recovered using any file unerase or recover utility. To make this impossible, you may set **R-Wipe&Clean** wipe files before deleting on the **Docs and Internet** tab of the **Settings** panel.

  If the **Wipe files before deleting** check box is clear on the **Docs and Internet** tab of the **Settings** panel, the **Clean and Wipe Now** button changes its name to **Clean**. The files will be only deleted without wiping.

R-Wipe&Clean will start cleaning the computer, and the **Deleting and wiping** dialog box will appear showing the progress of cleaning.

Deleting and wiping dialog box



When **R-Wipe&Clean** finishes cleaning, the **Report** dialog box will appear showing cleaning results.

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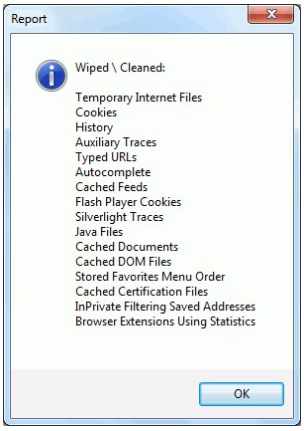
Report dialog box



For Internet Explorer: after cleaning the **History** folder, you may notice that the **Today** subfolder remains. This subfolder is empty

Some items require you to log off to complete the cleaning. You will see this notice in the **Report** dialog box asking you if you want to do this. You may do this later and only small portion of information will remain until next logoff.

You may see the contents of any particular item on its respective panel in the right pane. Click **Details** on the **Internet** panel or select the item in the **BarView** or **TreeView**.

More information on the items in Internet Explorer

Depending on your browser, contents may vary. Below are the settings for Internet Explorer	
Temporary Internet Files	Your system keeps content, such as pictures, texts, flash movies, audio files, of all web pages visited by you in the this folder. Click the **Delete and Wipe** button to delete and wipe temporary internet files. If the **Wipe files before deleting** checkbox is clear on the **Docs and Internet** tab of the **Settings** panel, this button changes its name to **Delete**.
Cookies	Cookies are small files that web sites store on your computer for identification purposes. You may keep cookies from your favorite sites. You may also see their content. Click the **Delete and Wipe** button to delete and wipe cookies files. If the **Wipe files before deleting** check box is clear on the **Docs and Internet** tab of the **Settings** panel, this button changes its name to **Delete**. If you do not want to delete cookies from your favorite sites move them to **Favorites**

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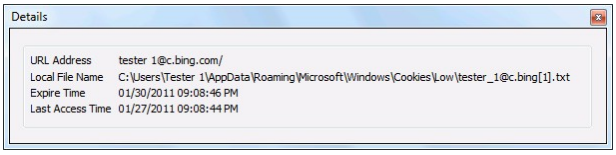
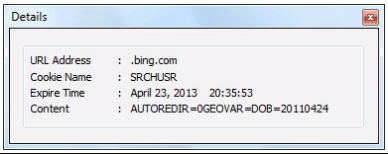
<table>
<tr>
<td></td>
<td>Double click a cookie to see its detailed information.

Cookies content:
Cookies of different browsers may have different content:
Microsoft Internet Explorer
 

Mozilla
 
</td>
</tr>
<tr>
<td>History</td>
<td>You computer stores links to each web site visited by you in this folder.
Click the Clean button to clean the Typed URLs.
</td>
</tr>
<tr>
<td>Auxiliary Traces</td>
<td>Web browsers stores some traces of its activity (page encodings, paths to folders for saved files, page setup, and so on).
Red items contain important user information, they are not selected by default and can be removed only on this panel and only maually.
Click the Clean button to clean the Typed URLs.</td>
</tr>
</table>

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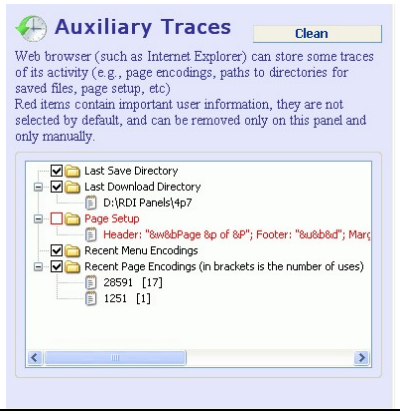
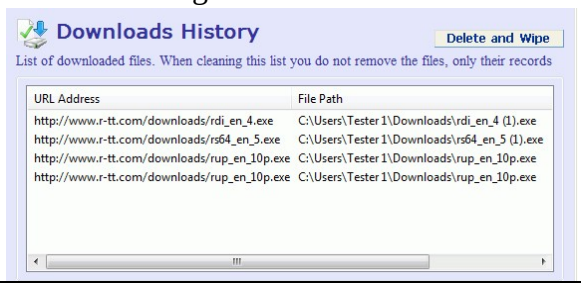
	
Download History	Web browsers store links to files you have downloaded from those browsers. Click the **Clean** button to clean the **Download History** folder If the **Wipe files before deleting** check box is clear on the **Docs and Internet** tab of the **Settings** panel, this button changes its name to **Delete**. 
Typed URLs	Your computer stores URL addresses of most recently viewed pages. You can view them in the drop-down list of the address bar of your internet browser. Click the **Clean** button to clean the **Typed URLs**.
Autocomplete	Web passwords and all other information you might enter when filling in web forms are stored in this folder. Click the **Clean** button to clean the **Autocomplete** folder.

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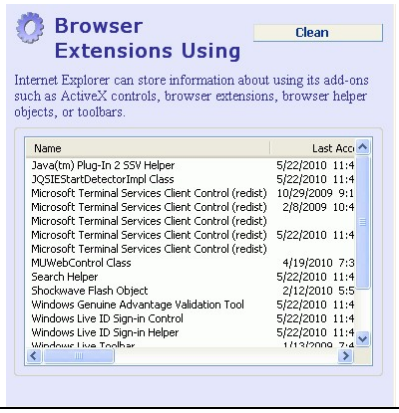
Browser Extensions Using Statistics	Internet Explorer stores information about using its add-ons such as ActiveX controls, browser helper objects, or toolbars. Click the **Clean** button to clean the **Browser Extensions Using**. 
Cached Certification Files	Your system stores a cache of Certification Revocation Lists (CRL), Certificate Trust Lists (CTL), Certificates, and other documents used to authenticate web site certificates. Click the **Delete and Wipe** button to delete and wipe Cached Certification files. If the **Wipe files before deleting** check box is clear on the **Docs and Internet** tab of the **Settings** panel, this button changes its name to **Delete**.
Cached Documents	Your system stores a cache of various documents (such as Microsoft Word documents, Microsoft Excel workbooks, Microsoft PowerPoint presentation, etc.) opened in Internet Explorer.

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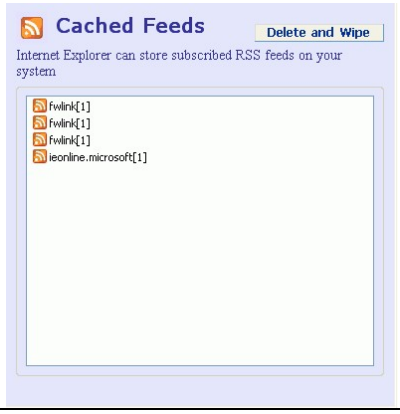
	Click the **Delete and Wipe** button to delete and wipe **Cached documents**. If the **Wipe files before deleting** check box is clear on the **Docs and Internet** tab of the **Settings** panel, this button changes its name to **Delete**.
Cached DOM Files	DOM stands for Document Object Module and some web pages are created with use of it. Click the **Delete and Wipe** button to delete and wipe the list of addresses of such webpages. If the **Wipe files before deleting** check box is clear on the **Docs and Internet** tab of the **Settings** panel, this button changes its name to **Delete**.
Cached Feeds	Internet explorer stores subscribed RSS feeds on your system. Click the **Clean** button to clean the **Cached Feeds** folder If the **Wipe files before deleting** check box is clear on the **Docs and Internet** tab of the **Settings** panel, this button changes its name to **Delete**. 
Flash Player Cookies	Auxiliary files used by inline Flash objects. Click the **Delete and Wipe** button to delete and wipe Flash cookies.

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	If the **Wipe files before deleting** check box is clear on the **Docs and Internet** tab of the **Settings** panel, this button changes its name to **Delete**.
InPrivate Filtering Saved Addresses	Many webpages use content - such as advertisements, maps, or web analysis tools - from websites other than the one you are visiting. InPrivate Filtering helps prevent website content providers from collecting information about sites you visit. In this list you can see web addresses of such content stored in your system. Click the **Delete and Wipe** button to delete and wipe InPrivate Filtering. If the **Wipe files before deleting** check box is clear on the **Docs and Internet** tab of the **Settings** panel, this button changes its name to **Delete**.
Stored Favorites Menu Order	Internet Explorer stores the order of Favorites menu items. When cleaning the tree, you do not remove Favorites menu, only its cached copy. Click the **Clean** button to clean the **Favorites menu** tree.

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Java Files	Java logs and files stored after running Java applets on web pages. Click the **Delete and Wipe** button to delete and wipe Java files. If the **Wipe files before deleting** check box is clear on the **Docs and Internet** tab of the **Settings** panel, this button changes its name to **Delete**.
Windows Live Toolbar Search History	Your computer stores texts that you typed in the Windows Live Toolbar Search Bar. You can view them in the drop-down list of the Windows Live Toolbar Search Bar. Click the **Delete and Wipe** button to delete and wipe Windows Live Toolbar Search history. If the **Wipe files before deleting** check box is clear on the **Docs and Internet** tab of the **Settings** panel, this button changes its name to **Delete**.

More information on the items in Microsoft Edge

Depending on your browser, contents may vary. Below are the settings for Microsoft Edge	
Cache Files	In this folder, the Microsoft Edge web browser keeps content, such as pictures, texts, flash movies, audio files, from all web pages you visited. Click the **Delete and Wipe** button to delete and wipe those cached files. If the **Wipe files before deleting** checkbox is clear on the **Docs and Internet** tab of the **Settings** panel, this button changes its name to **Delete**.

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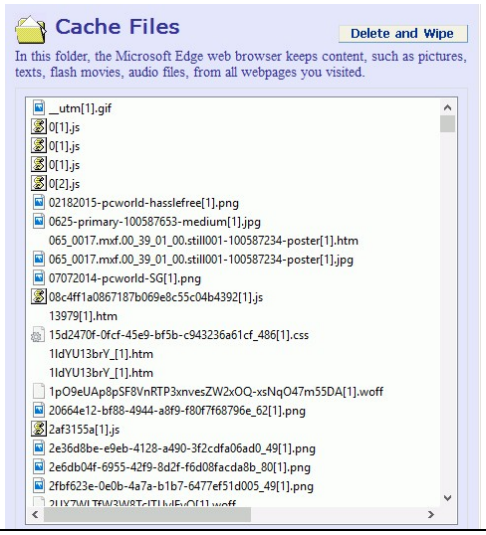
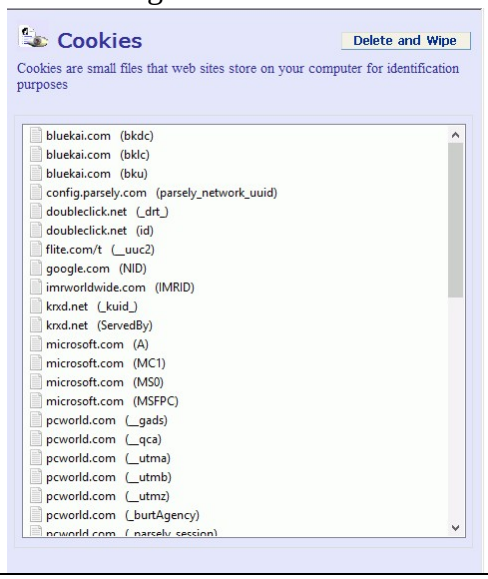
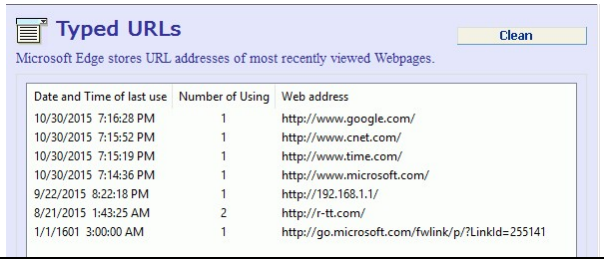
<table>
<tr><td></td><td> 
</td></tr>
<tr><td>Cookies</td><td>Cookies are small files that web sites store on your computer for identification purposes. You may keep cookies from your favorite sites. You may also see their content.
Click the Delete and Wipe button to delete and wipe cookies files.
If the Wipe files before deleting check box is clear on the Docs and Internet tab of the Settings panel, this button changes its name to Delete.
 
</td></tr>
<tr><td>Typed URLs</td><td>The Microsoft Edge browser can store URLs you typed in the address field.
Click the Clean button to clean the Typed URLs list.
 
</td></tr>
<tr><td>Application Cache</td><td>The Application Cache makes it possible for the system to access a web application</td></tr>
</table>

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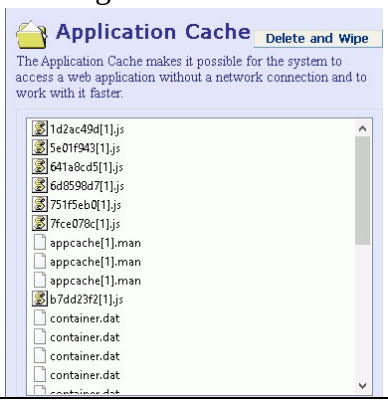
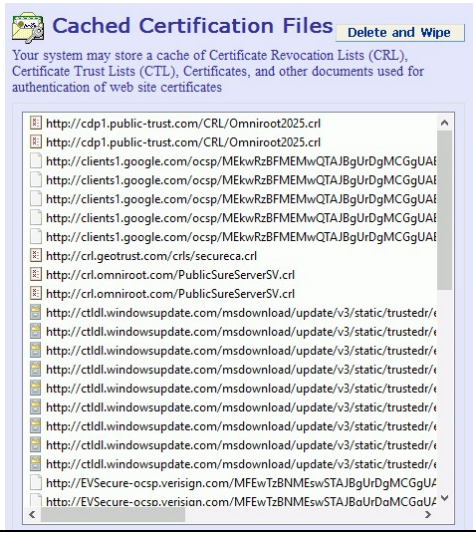
	without a network connection and to work with it faster. Click the **Delete and Wipe** button to delete and application cache files. If the **Wipe files before deleting** check box is clear on the **Docs and Internet** tab of the **Settings** panel, this button changes its name to **Delete**. 
Cached Certification Files	Your system stores a cache of Certification Revocation Lists (CRL), Certificate Trust Lists (CTL), Certificates, and other documents used to authenticate web site certificates. Click the **Delete and Wipe** button to delete and wipe Cached Certification files. If the **Wipe files before deleting** check box is clear on the **Docs and Internet** tab of the **Settings** panel, this button changes its name to **Delete**. 
Cached DOM Files	Some webpages can be implemented using the DOM (Document Object Module) technology. This list shows you web addresses of such webpages cached in your system. Click the **Delete and Wipe** button to delete and wipe the list of addresses of such webpages. If the **Wipe files before deleting** check box is clear on the **Docs and Internet** tab of the **Settings** panel, this button changes its name to **Delete**.

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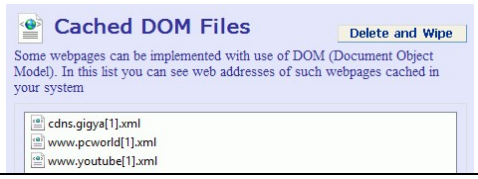
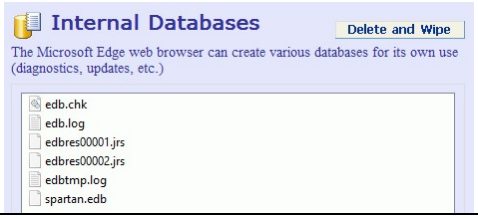
	
Internal Databases	The Microsoft Edge web browser can create various databases for its own use (diagnostics, updates, etc.) Click the **Delete and Wipe** button to delete and wipe those databases. If the **Wipe files before deleting** check box is clear on the **Docs and Internet** tab of the **Settings** panel, this button changes its name to **Delete**. 
Stored Favicons	The Microsoft Edge web browser can store favicons of visited websites. Click the **Delete and Wipe** button to delete and wipe favicon lists. If the **Wipe files before deleting** check box is clear on the **Docs and Internet** tab of the **Settings** panel, this button changes its name to **Delete**.
Stored Recovery Information	The Microsoft Edge browser can store some information about the current session that can be used for recovery in case of an application crash. Click the **Delete and Wipe** button to delete and wipe favicon lists. If the **Wipe files before deleting** check box is clear on the **Docs and Internet** tab of the **Settings** panel, this button changes its name to **Delete**.

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	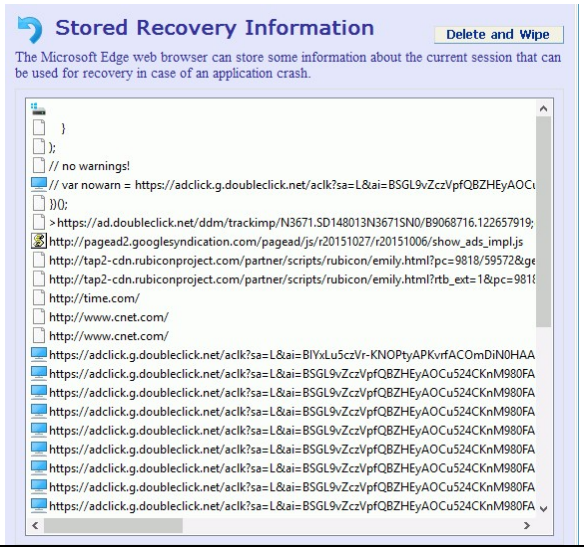
Stored Web Notes	The Microsoft Edge web browser lets you make notes, write, doodle, and highlight directly on webpages. Click the **Delete and Wipe** button to delete and wipe stored web notes. If the **Wipe files before deleting** check box is clear on the **Docs and Internet** tab of the **Settings** panel, this button changes its name to **Delete**.
Stored Webpage Tiles	Some websites can contain tiles used for integrating these websites into the Windows desktop or Start screen. Click the **Delete and Wipe** button to delete and wipe this list. If the **Wipe files before deleting** check box is clear on the **Docs and Internet** tab of the **Settings** panel, this button changes its name to **Delete**.
Temporary Files	List of temporary files created by the Microsoft Edge web browser. Click the **Delete and Wipe** button to delete and wipe those temporary files. If the **Wipe files before deleting** check box is clear on the **Docs and Internet** tab of the **Settings** panel, this button changes its name to **Delete**.
Cache Database	The Microsoft Edge web browser keeps content, such as pictures, texts, flash movies, audio files, from all web pages you visited. Click the **Delete and Wipe** button to delete and wipe **Cache Database**. If the **Wipe files before deleting** check box is clear on the **Docs and Internet** tab of the **Settings** panel, this button changes its name to **Delete**.

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	Cache Database Delete and Wipe Microsoft Edge keeps content, such as pictures, texts, flash movies, audio files, of all web pages visited by you in this folder.

Default cleaning settings may be specifically set on the **Docs and Internet** tab of the **Settings** panel.

- **R-Wipe&Clean Overview**
- **R-Wipe&Clean Main Panel**
- **Customization, Settings, and Logging**
- **Wiping**
- **Wiping Tasks and Scheduler**
- **Popup Blocker**
- **Startup Rename Manager**
- **Unblocking R-Wipe & Clean in Anti-Malware Programs**
- **Contact Information and Technical Support**

4.2.2 Cleaning Personal Traces

You may clean your computer from traces of your recent activity, such as recently opened documents, search results, started programs, mapped network drives, etc. Those traces are usually kept in the `HKEY_CURRENT_USER` registry section.

You may include computer cleaning into a large wiping and cleaning task. Go to the **Setting a Large Wipe and Clean Task** section for details.

The list of items visible on the **System** panel can be edited on the **Customize** panel. These items are user-specific, their contents are individual for each user.

To clean traces of your activity,

- In the **BarView**, click **your login name**
  In the **TreeView**, select the **your login name**

The **Personal traces** panel appears in the right pane.

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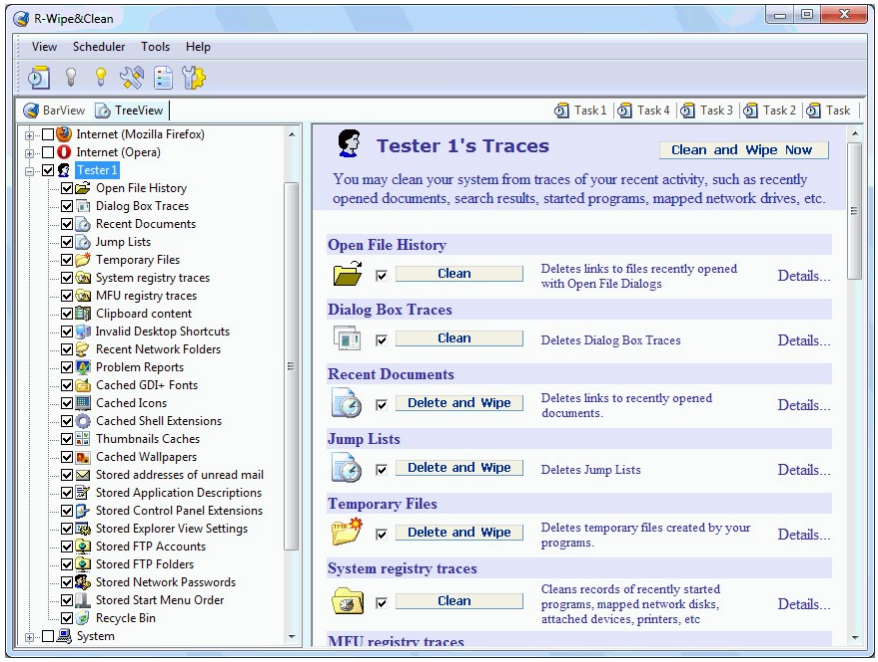
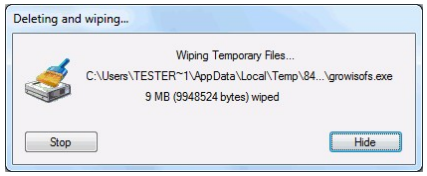
Personal traces panel



- Select the required items and click the **Clean and Wipe Now** button.
  If you only delete files, they may be later recovered using any file unerase or recover utility. To make this impossible, you may set **R-Wipe&Clean** wipe files before deleting on the **Docs and Internet** tab of the **Settings** panel.
  If the **Wipe files before deleting** check box is clear on the **Docs and Internet** tab of the **Settings** panel, the **Clean and Wipe Now** button changes its name to **Clean**. The files will be only deleted without wiping.

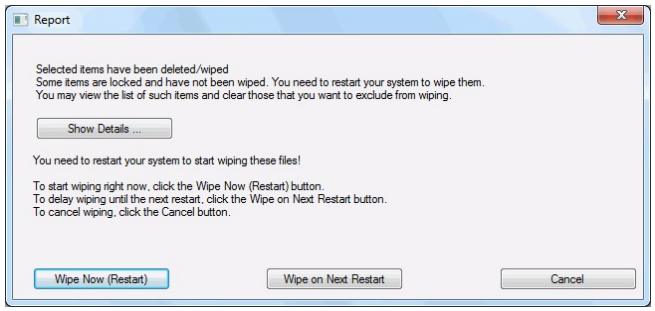
R-Wipe&Clean will start cleaning the computer, and the **Deleting and wiping** dialog box will appear showing the progress of cleaning.

Deleting and wiping dialog box



When **R-Wipe&Clean** finishes cleaning, the **Report** dialog box will appear showing cleaning results.

Report dialog box


Report
Selected items have been deleted/wiped
Some items are locked and have not been wiped. You need to restart your system to wipe them.
You may view the list of such items and clear those that you want to exclude from wiping.
Show Details ...
You need to restart your system to start wiping these files!
To start wiping right now, click the Wipe Now (Restart) button.
To delay wiping until the next restart, click the Wipe on Next Restart button.
To cancel wiping, click the Cancel button.
Wipe Now (Restart)
Wipe on Next Restart
Cancel

You may see the contents of any particular item on its respective panel in the right pane. Click **Details** on the **User's** panel or select the item in the **BarView** or **TreeView**.

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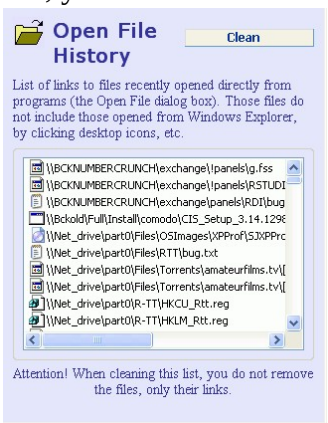
More information on the items...

Open File History	List of links to files recently opened directly from programs (on the **Open File** dialog box). Those files do not include files opened from Windows Explorer, by clicking desktop icons, etc. **Attention!** When cleaning this list, you **do not remove** the files, only their links. 
Dialog Box Traces	Many application use common dialog boxes, for example, to open and/or save a file. Your system stores various information after using those dialog boxes in the applications.
Recent Documents	List of links to recently opened documents (registered file types). This list appears in Documents on the Start menu and includes all documents opened in the system, directly from programs, Windows Explorer, by clicking desktop icons, etc. **Attention!** When cleaning this list, you **do not remove** the files, only their links.

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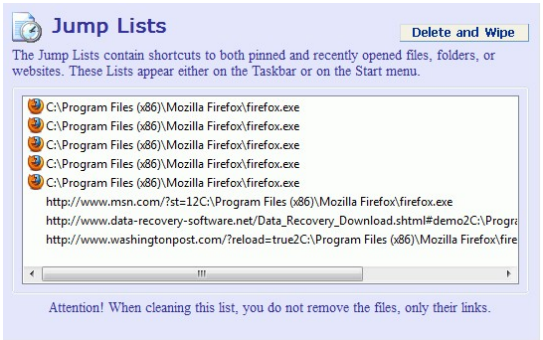
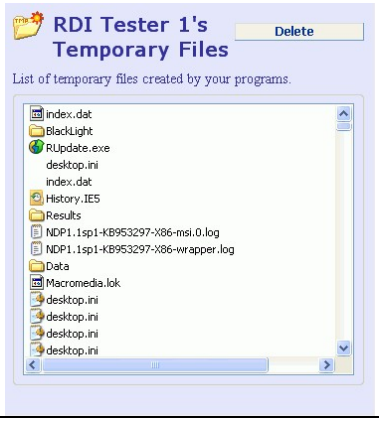
Jump Lists	Shortcuts to pinned and recently opened files, folders, or websites. They may appear either on the Taskbar or Start menu. If the **Wipe files before deleting** check box is clear on the **Docs and Internet** tab of the **Settings** panel, this button changes its name to **Delete**. **Attention!** When cleaning this list, you **do not remove** the files, only their links. 
Temporary Files	List of temporary files created by your programs. 
System Registry traces	Registry records of items used by system (mapped network drives, attached devices, etc.) Empty registry traces lists are dimmed. You need to log off to complete removing the System Registry traces

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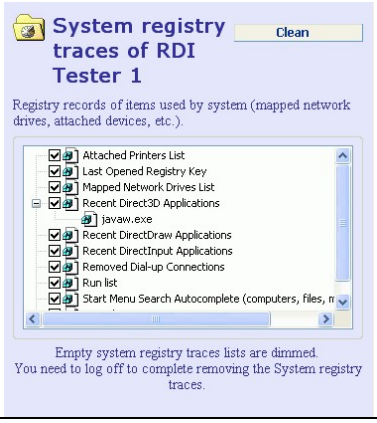
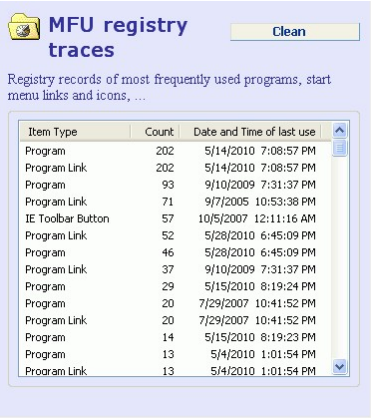
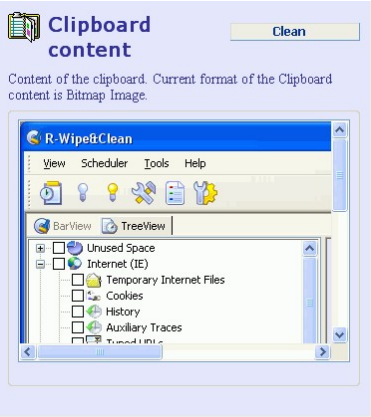
	
MFU registry traces	Registry records of most frequently used programs, start menu links and icons, etc. 
Clipboard content	Clipboard content. It also shows content type.. 
Invalid Desktop shortcuts	List of shortcuts that are on your Desktop but not linked to any existing objects. There are two types of invalid Desktop shortcuts: 1. Invalid shortcuts to objects on hard disks. Most probably they are linked to deleted objects. They are selected by default and will be removed if Invalid Desktop Shortcuts is selected. If you want to keep the links in the system, clear the links to the objects. 2. Invalid shortcuts to objects on removable disks. Most probably they are linked to objects on removable disks that are not present in your system at the moment. They are not selected by default and will not be removed Invalid Desktop Shortcuts is selected. If you want to remove the links from the system, select the links to the objects. If the **Wipe files before deleting** check box is clear on the **Docs and Internet** tab of the **Settings** panel, this button changes its name to **Delete**.

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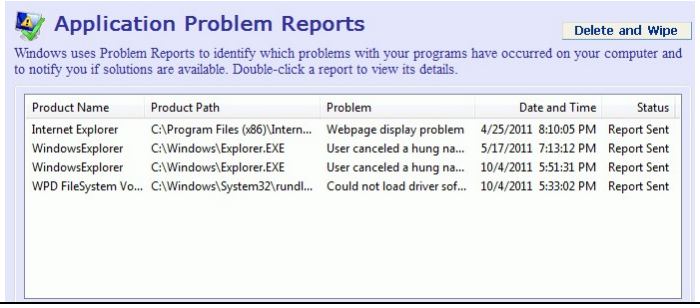
Recent Network folders	List of links to recently opened network folders. If the **Wipe files before deleting** check box is clear on the **Docs and Internet** tab of the **Settings** panel, this button changes its name to **Delete**.
Problem Reports	List of programs that caused problems to Windows. You may double-click an item to see its report. If the **Wipe files before deleting** check box is clear on the **Docs and Internet** tab of the **Settings** panel, this button changes its name to **Delete**. 
Sync Traces (Windows 8 only)	Traces of content and setting syncing through your Microsoft account. If the **Wipe files before deleting** check box is clear on the **Docs and Internet** tab of the **Settings** panel, this button changes its name to **Delete**.

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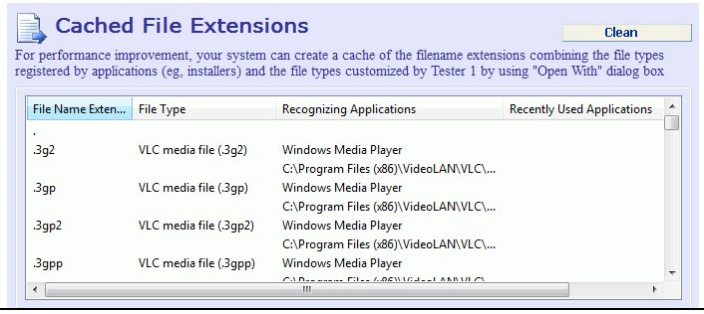
Cached File Extensions	Cached filename extensions and their respective applications stored by your system. 
Thumbnail Caches	For faster access, your system stores several caches of various thumbnail images from certain files. If the **Wipe files before deleting** check box is clear on the **Docs and Internet** tab of the **Settings** panel, this button changes its name to **Delete**. **Attention!** When deleting and wiping the cache, you **do not remove** the files, only their cached copies.
Cached GDI+ Fonts	Your system stores a cache of CDI+ fonts installed in the system If the **Wipe files before deleting** check box is clear on the **Docs and Internet** tab of the **Settings** panel, this button changes its name to **Delete**. **Attention!** When deleting and wiping the cache, you **do not remove** the files, only their cached copies.

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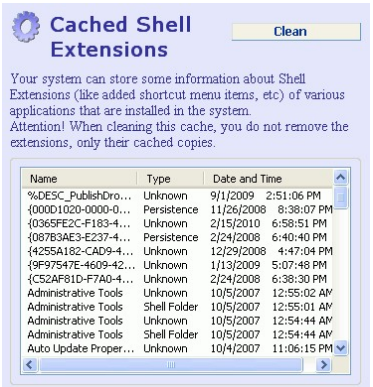
Cached Icons	Your system stores a cache of icons of applications that have started at least once to show them faster in Taskbar, Desktop, Start menu, and Program Icons. If the **Wipe files before deleting** check box is clear on the **Docs and Internet** tab of the **Settings** panel, this button changes its name to **Delete**. **Attention!** When deleting and wiping the cache, you **do not remove** the files, only their cached copies.
Cached Shell Extensions	Your system stores some information about Shell Extensions (like added shortcut menu items, etc.) of various applications that are installed in the system. **Attention!** When deleting and wiping the cache, you **do not remove** the extensions, only their cached copies. 
Notification Cache	Your system creates notification cache for the applications pinned to the Start screen.. If the **Wipe files before deleting** check box is clear on the **Docs and Internet** tab of the **Settings** panel, this button changes its name to **Delete**.

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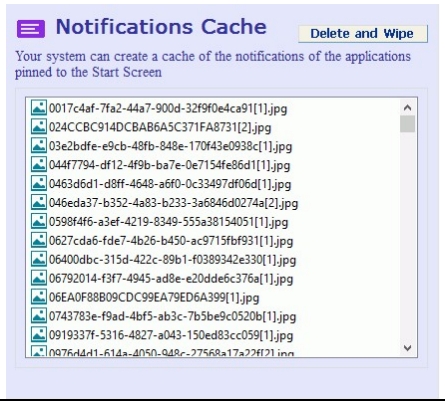
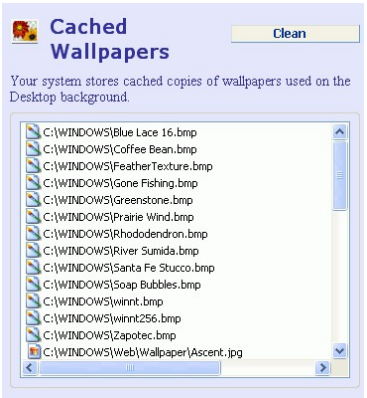
	
Windows Search Cache Files (Only for Windows 8)	Your system stores a cache of files with the detailed information about files used by Windows to perform very fast search among most popular files on the computer. **Attention!** When deleting and wiping the cache, you **do not remove** the extensions, only their cached copies.
Cached Wallpapers	Your system stores cached copies of wallpapers used on the Desktop background. 
Common Language Runtime Logs	Your system stores various logs created by the Common Language Runtime (CLR) component of the .Net Framework. You may see file content by clicking it. If the **Wipe files before deleting** check box is clear on the **Docs and Internet** tab of the **Settings** panel, this button changes its name to **Delete**.

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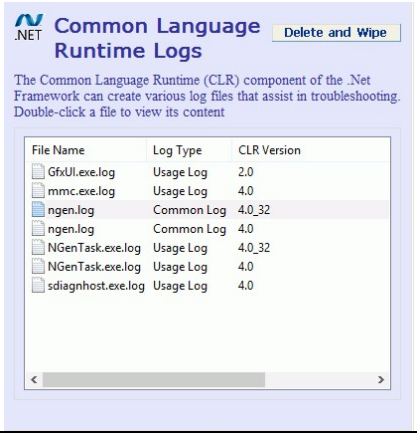
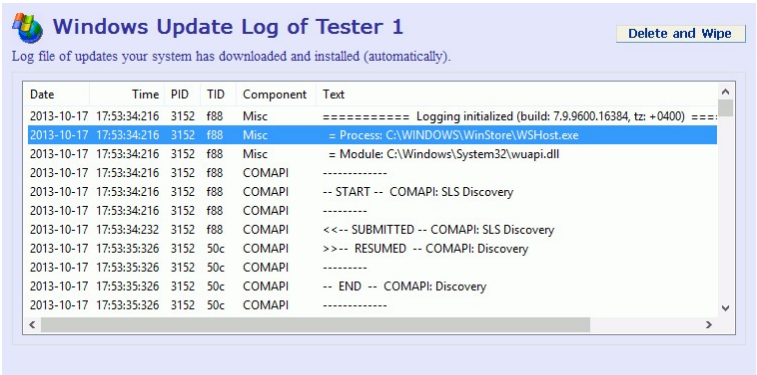
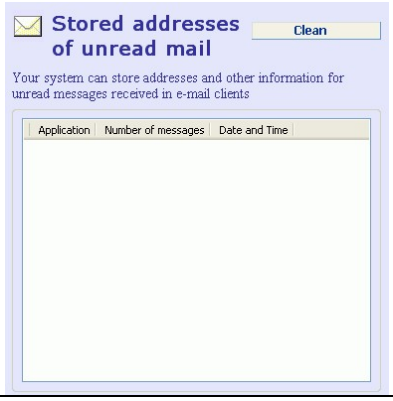
	
Windows Update Log	The log of updates that your system downloaded and automatically installed. If the **Wipe files before deleting** check box is clear on the **Docs and Internet** tab of the **Settings** panel, this button changes its name to **Delete**. 
Stored addresses of unread mail	Your system stores addresses and other information for unread messages received in e-mail clients. 
Stored Application Descriptions	Your system stores a list of application descriptions and their paths for applications that have started at least once.

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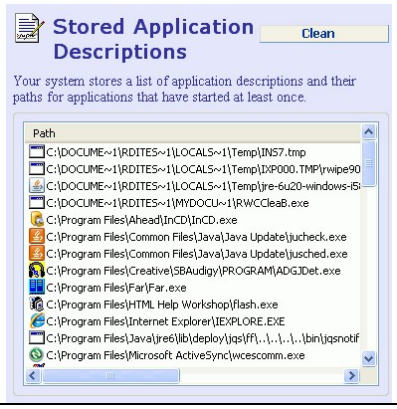
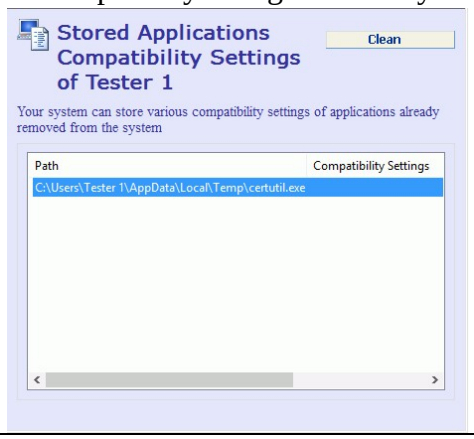
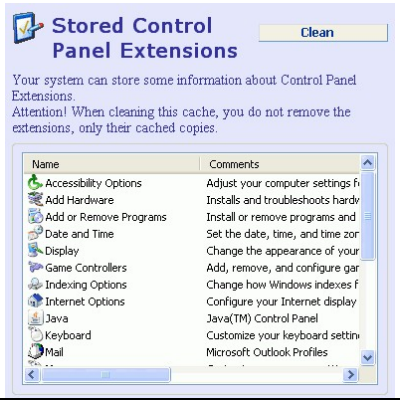
	
Stored Applications Compatibility Settings	Your system stores various compatibility settings for already removed applications. 
Stored Control Panel Extensions	Your system stores some information about Control Panel Extensions. **Attention!** When cleaning the cache, you **do not remove** the extensions, only their cached copies. 
Stored Environment Variables	Your system stores a number of environment variables created by already removed applications.

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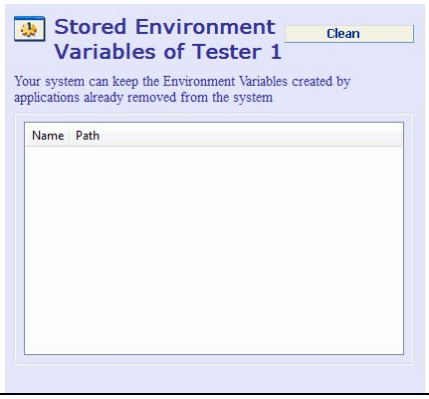
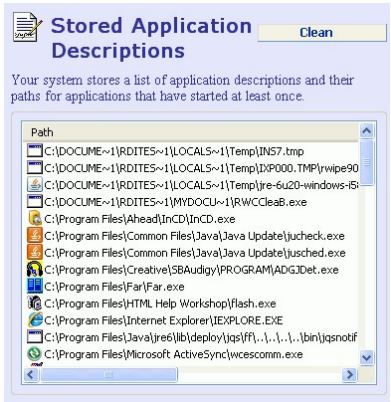
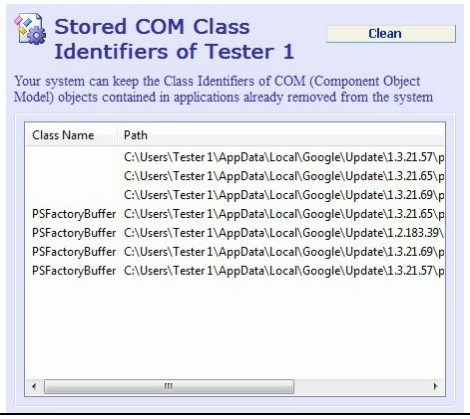
	
Stored Application Descriptions	Your system stores a list of applications descriptions and their paths for applications that have started at least once. 
Stored COM Class Identifiers	Your system can keep the Class Identifiers of COM objects in already removed applications. 
Stored Explorer View Settings	Your system stores a list of folders for which you changed settings in the View menu in WindowsExplorer.

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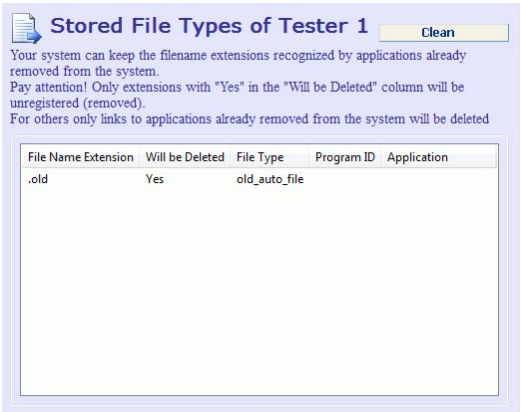
Stored File Types	Your system can keep the file name extensions associated with already removed applications.. 
Stored FTP Accounts	Your system stores information used to connect to FTP sites.
Stored FTP Folders	Your system stores links to FTP folders you visited in Windows Explorer itself or programs using it as an FTP client.

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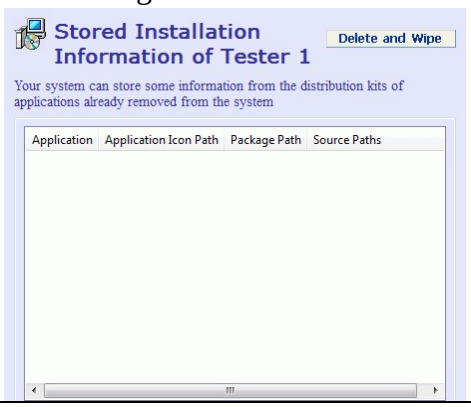
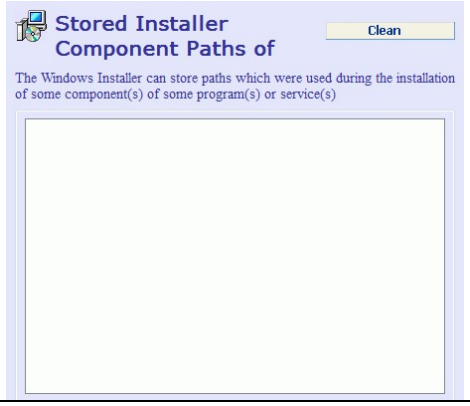
Stored Installation Information	Your system can store information about distribution kits of already removed applications. If the **Wipe files before deleting** check box is clear on the **Docs and Internet** tab of the **Settings** panel, this button changes its name to **Delete**. 
Stored Installer Components Paths	Windows Installer stores paths used during the installation of some programs or services. 
Stored Installer Packages	You system can store Windows Installer package files (with patches) of already removed applications. If the **Wipe files before deleting** check box is clear on the **Docs and Internet** tab of the **Settings** panel, this button changes its name to **Delete**.

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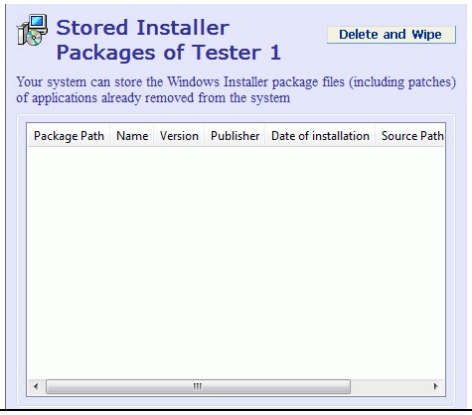
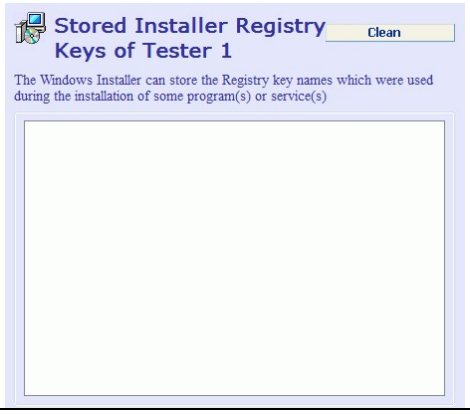
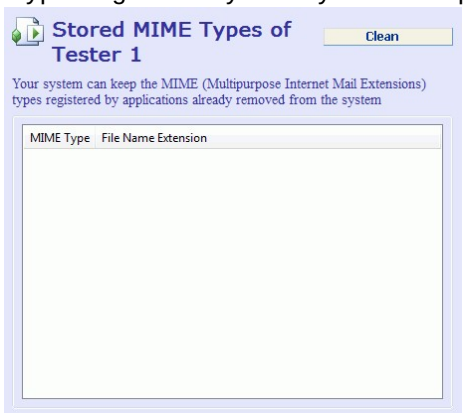
	
Stored Installer Registry Keys	Windows Installer stores the Registry key names used during the installation of some programs or services. 
Stored MIME Types	Your system stores MIME types registered by already removed applications.. 
Store Locations of Type Libraries	Your system stores locations of type libraries that store information about COM objects from already removed applications

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	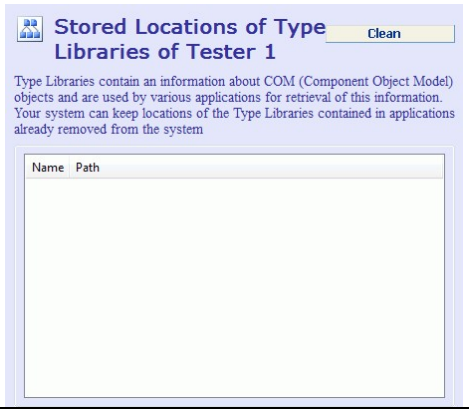
Stored Mail Server Passwords	Stored passwords for incoming and outgoing e-mail servers. Red items are passwords to valid accounts and will not be removed.
Stored Network Passwords	System stores your logon information for network locations and Web sites.
Stored Program Identifiers	System stores the program identifiers of removed applications.

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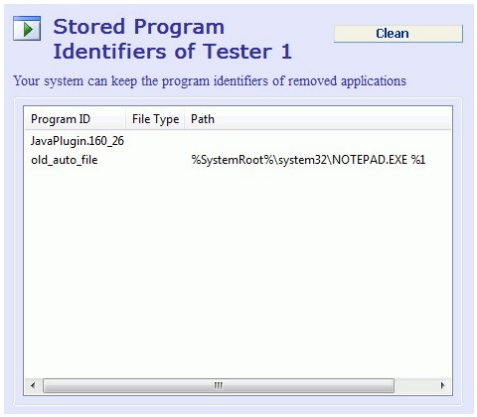
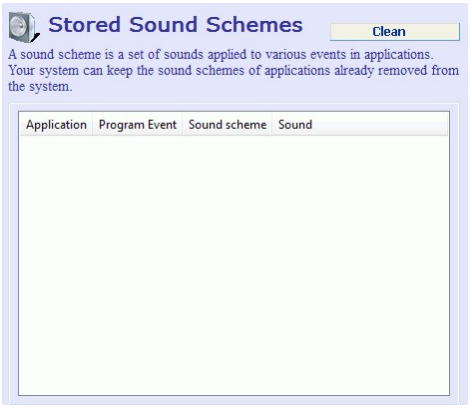
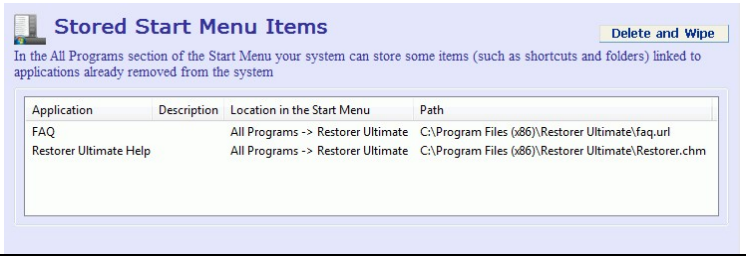
	
Stored Sound Schemes	System stores the sound schemes of removed applications. 
Stored Start Menu Items	In the All Programs section of the Start Menu, your system may store some items (like shortcuts and folders) linked to applications that have already been removed from the system. If the **Wipe files before deleting** check box is clear on the **Docs and Internet** tab of the **Settings** panel, this button changes its name to **Delete**. 
Stored Start Menu Order	Your system stores the order of Start Menu items. When cleaning this tree, you do not remove Start Menu, only its cached copy.

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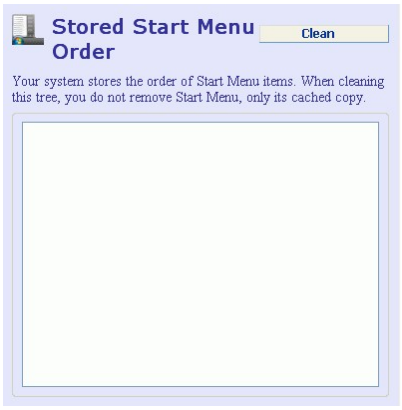
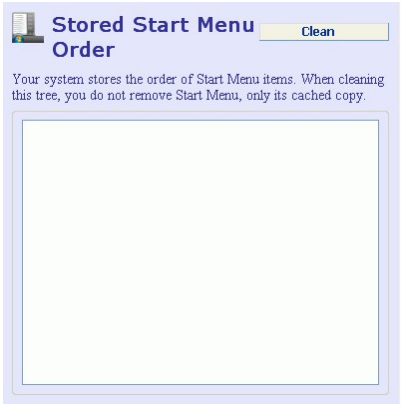
	
Stored Startup Applications Information	Your system stores some information about applications launched during system logon and which have already been removed from the system. If the **Wipe files before deleting** check box is clear on the **Docs and Internet** tab of the **Settings** panel, this button changes its name to **Delete**.
Recycle Bin	List of files stored in Recycle Bin. If the **Wipe files before deleting** check box is clear on the **Docs and Internet** tab of the **Settings** panel, this button changes its name to **Delete**. 

Default cleaning settings may be specifically set on the **Docs and Internet** tab of the **Settings** panel.

- **R-Wipe&Clean Overview**
- **R-Wipe&Clean Main Panel**
- **Customization, Settings, and Logging**
- **Wiping**

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- Wiping Tasks and Scheduler
- Popup Blocker
- Startup Rename Manager
- Unblocking R-Wipe & Clean in Anti-Malware Programs
- Contact Information and Technical Support

4.2.3 Cleaning Program Data

You may clean your computer from traces of activity by system several programs

You may include computer cleaning into a large wiping and cleaning task. Go to the Setting a Large Wipe and Clean Task section for details.

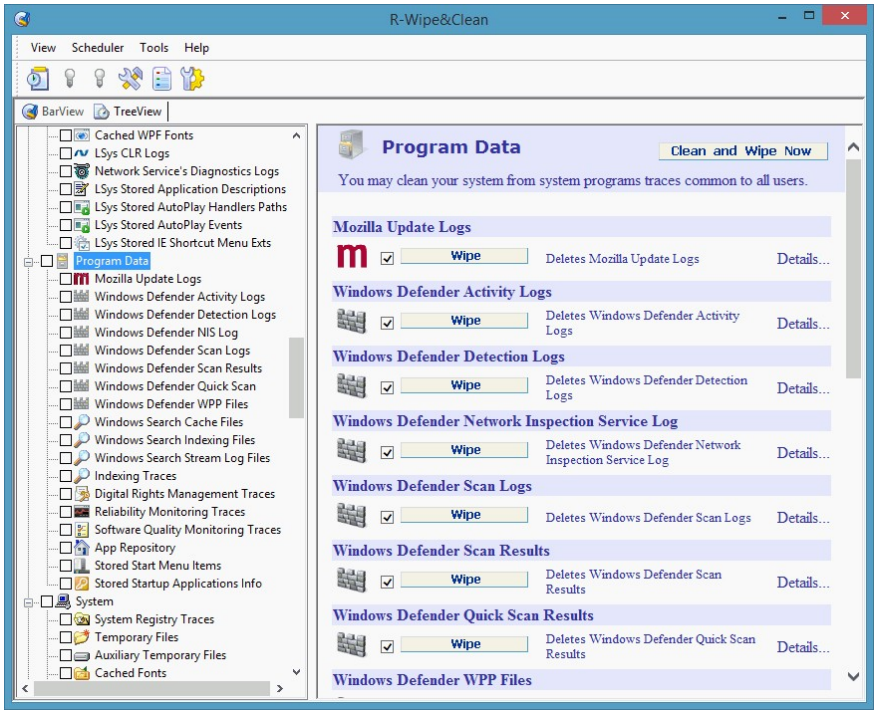
The list of items visible on the **Program Data** panel can be edited on the **Customize** panel. These items are user-specific, their contents are individual for each user.

To clean traces of Program Data,

- In the **BarView**, click **Program Data**
  In the **TreeView**, select the **Program Data**

The **Program Data** panel appears in the right pane.

Program Data panel



- Select the required items and click the **Clean and Wipe Now** button.
  If you only delete files, they may be later recovered using any file unerase or recover utility. To make this impossible, you may set **R-Wipe&Clean** wipe files before deleting on the **Docs and Internet** tab of the **Settings** panel.
  If the **Wipe files before deleting** check box is clear on the **Docs and Internet** tab of the **Settings** panel, the **Clean and Wipe Now** button changes its name to **Clean**. The files will be only deleted without wiping.

R-Wipe&Clean will start cleaning the computer, and the **Deleting and wiping** dialog box will appear showing the progress of cleaning.

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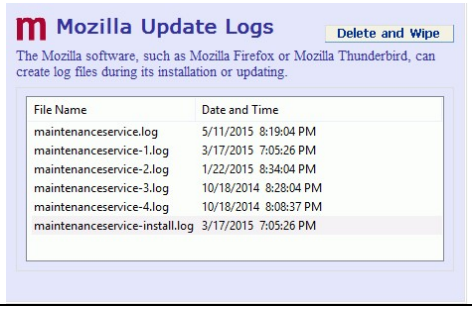
When **R-Wipe&Clean** finishes cleaning, the **Report** dialog box will appear showing cleaning results. You may see the contents of any particular item on its respective panel in the right pane. Click **Details** on the **Program Data** panel or select the item in the **BarView** or **TreeView**.

More information on the items...

Mozilla Update Logs	The Mozilla software (Firefox or Thunderbolt, for example) create log files for its installation or update. If the **Wipe files before deleting** check box is clear on the **Docs and Internet** tab of the **Settings** panel, this button changes its name to **Delete**. 
Windows Defender Activity Log	Windows Defender can log some details of its activity. If the **Wipe files before deleting** check box is clear on the **Docs and Internet** tab of the **Settings** panel, this button changes its name to **Delete**.

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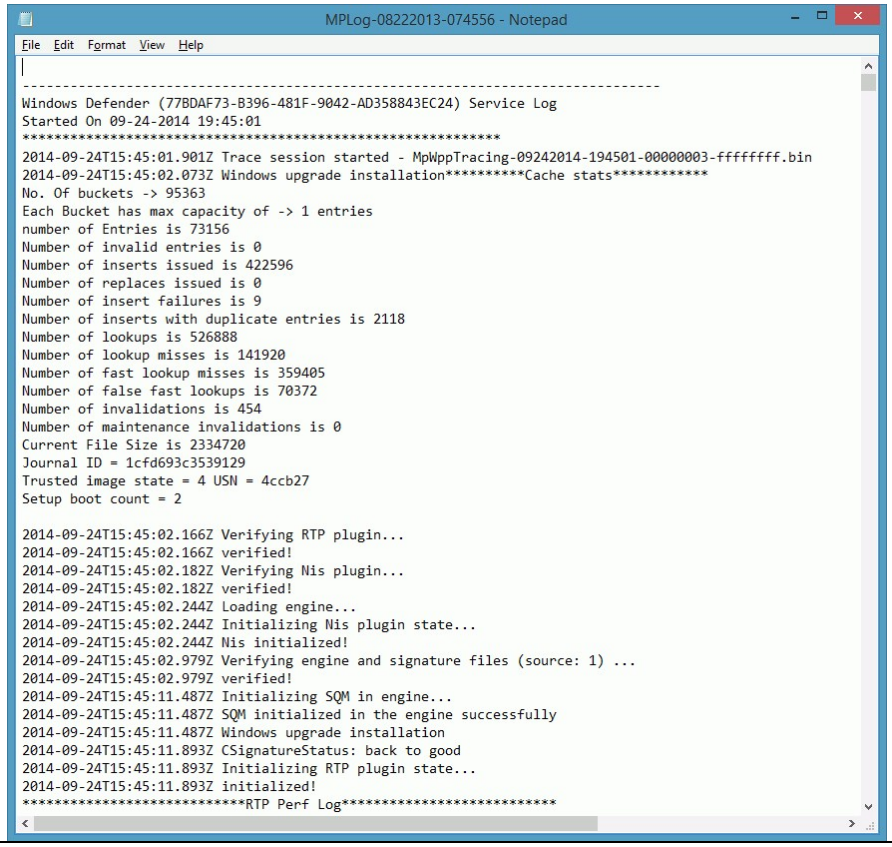
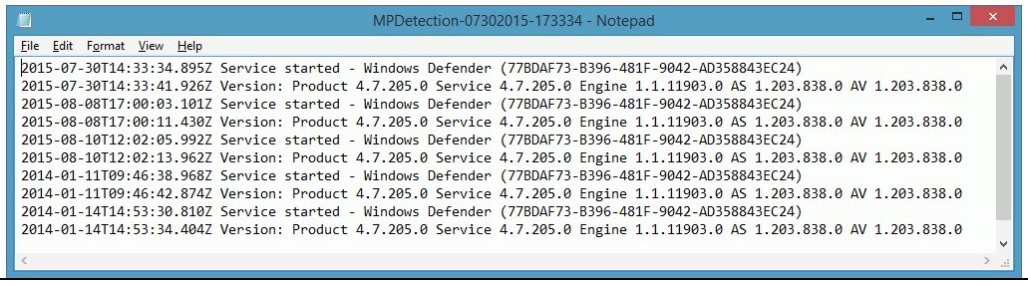

MPLog-08222013-074556 - Notepad
File Edit Format View Help
Windows Defender (77BDAF73-B396-481F-9042-AD358843EC24) Service Log
Started On 09-24-2014 19:45:01
2014-09-24T15:45:01.901Z Trace session started - MpWppTracing-09242014-194501-00000003-ffffffff.bin
2014-09-24T15:45:02.073Z Windows upgrade installation**********Cache stats**********
No. Of buckets -> 95363
Each Bucket has max capacity of -> 1 entries
number of Entries is 73156
Number of invalid entries is 0
Number of inserts issued is 422596
Number of replaces issued is 0
Number of insert failures is 9
Number of inserts with duplicate entries is 2118
Number of lookups is 526888
Number of lookup misses is 141920
Number of fast lookup misses is 359405
Number of false fast lookups is 70372
Number of invalidations is 454
Number of maintenance invalidations is 0
Current File Size is 2334720
Journal ID = 1cfd693c3539129
Trusted image state = 4 USN = 4ccb27
Setup boot count = 2
2014-09-24T15:45:02.166Z Verifying RTP plugin...
2014-09-24T15:45:02.166Z verified!
2014-09-24T15:45:02.182Z Verifying Nis plugin...
2014-09-24T15:45:02.182Z verified!
2014-09-24T15:45:02.244Z Loading engine...
2014-09-24T15:45:02.244Z Initializing Nis plugin state...
2014-09-24T15:45:02.244Z Nis initialized!
2014-09-24T15:45:02.979Z Verifying engine and signature files (source: 1) ...
2014-09-24T15:45:02.979Z verified!
2014-09-24T15:45:11.487Z Initializing SQM in engine...
2014-09-24T15:45:11.487Z SQM initialized in the engine successfully
2014-09-24T15:45:11.487Z Windows upgrade installation
2014-09-24T15:45:11.893Z CSignatureStatus: back to good
2014-09-24T15:45:11.893Z Initializing RTP plugin state...
2014-09-24T15:45:11.893Z initialized!
**********RTP Perf Log**********

Windows Defender Detection Log	Windows Defender can log a brief information about detected viruses. If the **Wipe files before deleting** check box is clear on the **Docs and Internet** tab of the **Settings** panel, this button changes its name to **Delete**. 
Windows Defender Network Inspection Service Log	The Network Inspection Service of Windows Defender can log its activity to assist in troubleshooting. If the **Wipe files before deleting** check box is clear on the **Docs and Internet** tab of the **Settings** panel, this button changes its name to **Delete**.

Windows Defender Detection Logs
Delete and Wipe
The Windows Defender can log a brief information about each of detected viruses.
Double-click a file to view its content.
MPDetection-05172015-233330.log
MPDetection-06232015-210453.log
MPDetection-07302015-173334.log

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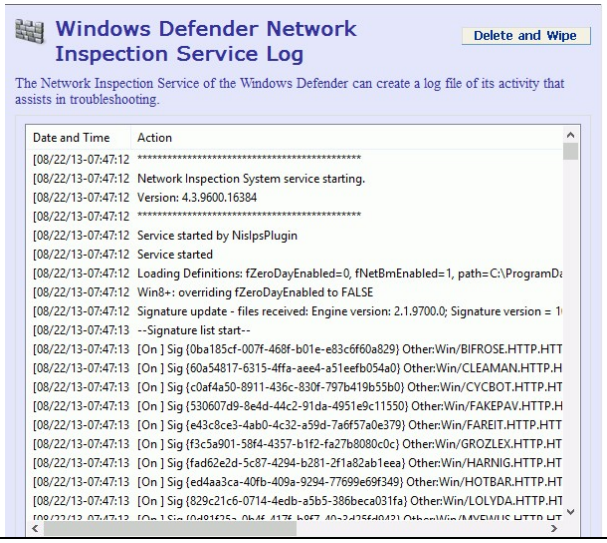
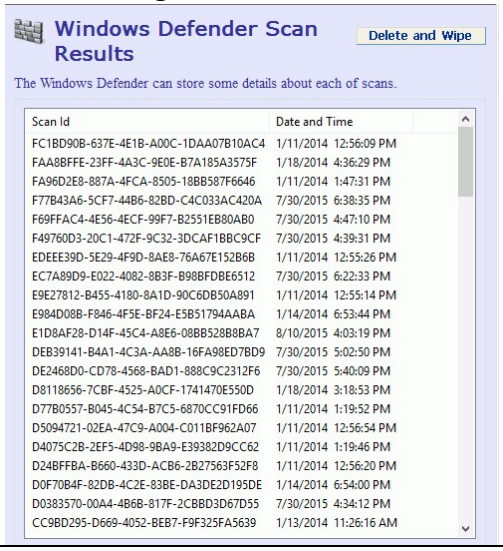
	
Windows Defender Scan Logs	Windows Defender creates various logs during disk scan to assist in troubleshooting. If the **Wipe files before deleting** check box is clear on the **Docs and Internet** tab of the **Settings** panel, this button changes its name to **Delete**.
Windows Defender Scan Results	Windows Defender stores some details about each disk scan. If the **Wipe files before deleting** check box is clear on the **Docs and Internet** tab of the **Settings** panel, this button changes its name to **Delete**. 
Windows Defender Quick Scan Results	Windows Defender stores some details about each quick disk scan. If the **Wipe files before deleting** check box is clear on the **Docs and Internet** tab of the **Settings** panel, this button changes its name to **Delete**.

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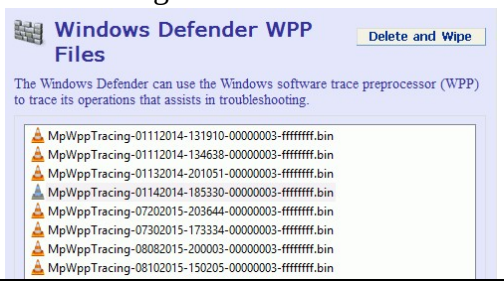
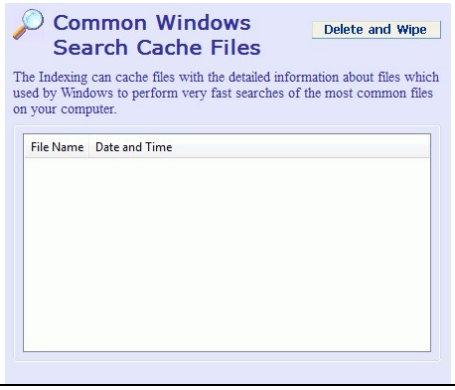
Windows Defender WPP Files	Windows Defender can use the Windows software trace pre-processor to trace its operations for troubleshooting. If the **Wipe files before deleting** check box is clear on the **Docs and Internet** tab of the **Settings** panel, this button changes its name to **Delete**. 
Windows Search Cache Files	Your system stores a cache of files with the detailed information about files used by Windows to perform very fast search among most frequently used files on the computer. **Attention!** When deleting and wiping the cache, you **do not remove** the files, only their cached copies. 
Windows Search Indexing Files	Your system stores detailed information about files which Windows uses to perform very fast search for most frequently used files on the computer.

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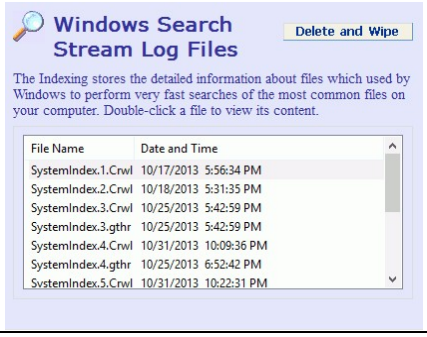
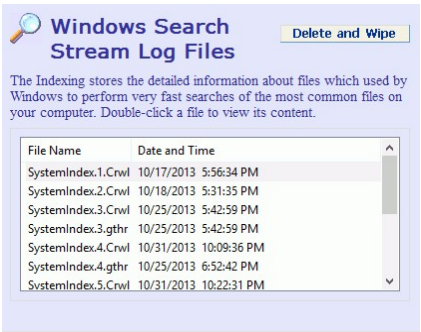
Windows Search Stream Log Files	Your system stores detailed information about files which Windows uses to perform very fast search for most frequently used files on the computer. Double-click a file to view its content. 
Indexing Traces	Your system stores detailed information about files which Windows uses to perform very fast search for most frequently used files on the computer. Double-click a file to view its content. 
Digital Rights Management Traces	Traces of the Digital Rights Management protecting proprietary data from illegal usage. Double-click a log to view its content. If the **Wipe files before deleting** check box is clear on the **Docs and Internet** tab of the **Settings** panel, this button changes its name to **Delete**.
Reliability Monitoring Traces	The activity traces for Reliability Monitor, and advanced tool that estimates hardware and software problems and other computer changes. If the **Wipe files before deleting** check box is clear on the **Docs and Internet** tab of the **Settings** panel, this button changes its name to **Delete**.

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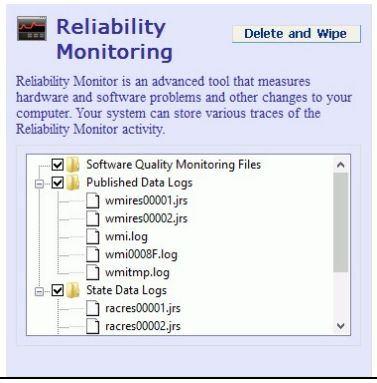
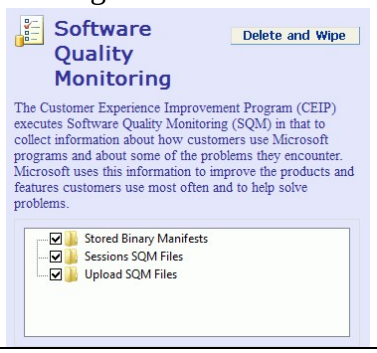
	
Software Quality Monitoring Traces	The activity traces for the Microsoft's Software Quality Monitoring program. If the **Wipe files before deleting** check box is clear on the **Docs and Internet** tab of the **Settings** panel, this button changes its name to **Delete**. 
App Repository (only Windows 8)	App Repository is used when downloading and installing applications from the Store. Red items can contain important information. They are not selected by default and can be removed only manually on this panel. If the **Wipe files before deleting** check box is clear on the **Docs and Internet** tab of the **Settings** panel, this button changes its name to **Delete**.
Stored Common Start Menu Items	A list of links to removed applications stored in the All Programs section of Start Menu.

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Stored Common Startup Application Information	Stored information about removed applications launched during logon. **Attention!** When cleaning this list, you **do not remove** the files, only their links.

- **R-Wipe&Clean Overview**
- **R-Wipe&Clean Main Panel**
- **Customization, Settings, and Logging**
- **Wiping**
- **Wiping Tasks and Scheduler**
- **Popup Blocker**
- **Startup Rename Manager**
- **Unblocking R-Wipe & Clean in Anti-Malware Programs**
- **Contact Information and Technical Support**

4.2.4 Cleaning Built-in Account Traces

Your may clear traces made by built-in accounts such as Local System, Local Service, Network Service, and alike.

You may also include computer cleaning into a large wiping and cleaning task. Go to the **Setting a Large Wipe and Clean Task** section for details.

The list of items visible on the **System** panel can be edited on the **Customize** panel.

To clean traces of built-in account activity,

- In the **BarView**, click the required wipe list
  In the **TreeView**, select the required wipe list

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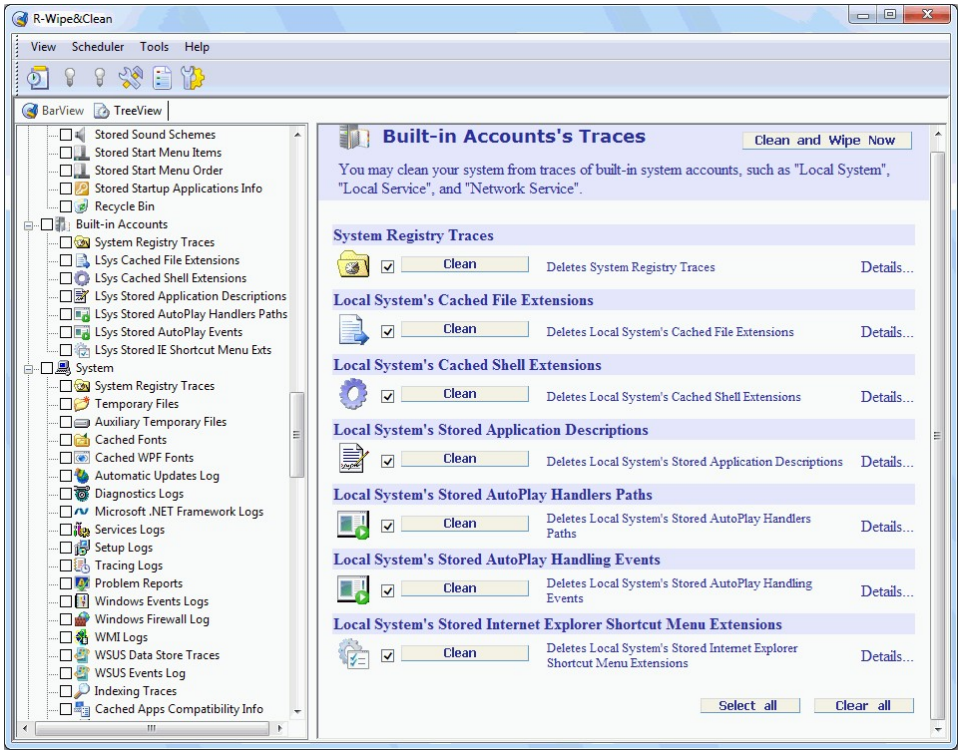
The **System** panel will appear in the right pane.

Built-in Accounts panel



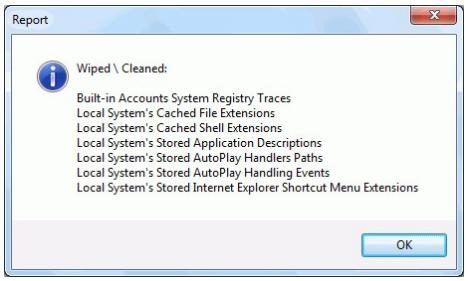
- Select the required items and click the **Clean and Wipe Now** button.

  If you only delete files, they may be later recovered using any file unerase or recover utility. To make this impossible, you may set **R-Wipe&Clean** wipe files before deleting on the **Docs and Internet** tab of the **Settings** panel.

  If the **Wipe files before deleting** check box is clear on the **Docs and Internet** tab of the **Settings** panel, the **Clean and Wipe Now** button changes its name to **Clean**. The files will be only deleted without wiping.

R-Wipe&Clean will start cleaning the computer, and the **Deleting and wiping** dialog box will appear showing the cleaning progress.

Wiped \ Cleaned: dialog box


Report
Wiped \ Cleaned:
Built-in Accounts System Registry Traces
Local System's Cached File Extensions
Local System's Cached Shell Extensions
Local System's Stored Application Descriptions
Local System's Stored AutoPlay Handlers Paths
Local System's Stored AutoPlay Handling Events
Local System's Stored Internet Explorer Shortcut Menu Extensions
OK

When **R-Wipe&Clean** finishes cleaning, the **Report** dialog box will appear showing cleaning results.

Some items require you to log off to complete the cleaning. You will see this notice in the **Report** dialog box asking you if you want to do this. You may do this later and only small portion of information will remain until next logon.

To start wiping swap files, you must restart your system. You will be prompted either to restart your system to start wiping the swap files, or to delay wiping until the next restart.

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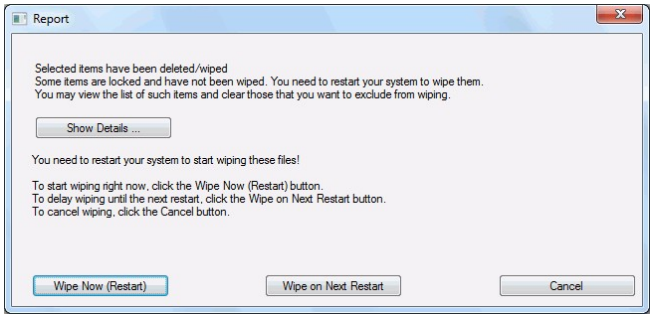
Restart dialog box



Default cleaning settings may be specifically set on the **Docs and Internet** tab of the **Settings** panel.

You may see the contents of any particular item on its respective panel in the right pane. Click **Details** on the **Built-in Accounts** panel or select the item in the **BarView** or **TreeView**.

More information on the items...

System Registry Traces	Registry records of items used by the system ()recent system applications, etc.)
Local Service's Temporary Files	Temporary files that the "Local Service" account creates. If the **Wipe files before deleting** check box is clear on the **Docs and Internet** tab of the **Settings** panel, this button changes its name to **Delete**.
Local System's Temporary Files	Temporary files that the "Local System's" account creates. If the **Wipe files before deleting** check box is clear on the **Docs and Internet** tab of the **Settings** panel, this button changes its name to **Delete**.

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Network Service's Temporary Files	Temporary files that the "Network Service" account creates. If the **Wipe files before deleting** check box is clear on the **Docs and Internet** tab of the **Settings** panel, this button changes its name to **Delete**.
Local Service's Cached Certification Files	A cache of documents used to authenticate web site certificates. Those include certificates, Certification Revocation Lists (CRL). Cleaning this cache removes cached copies, not the original files. If the **Wipe files before deleting** check box is clear on the **Docs and Internet** tab of the **Settings** panel, this button changes its name to **Delete**.
Local System's Cached Certification Files	A cache of documents used to authenticate web site certificates. Those include certificates, Certification Revocation Lists (CRL). Cleaning this cache removes cached copies, not the original files. If the **Wipe files before deleting** check box is clear on the **Docs and Internet** tab of the **Settings** panel, this button changes its name to **Delete**.
Network Service's Cached Certification Files	A cache of documents used to authenticate web site certificates. Those include certificates, Certification Revocation Lists (CRL). Cleaning this cache removes cached copies, not the original files.

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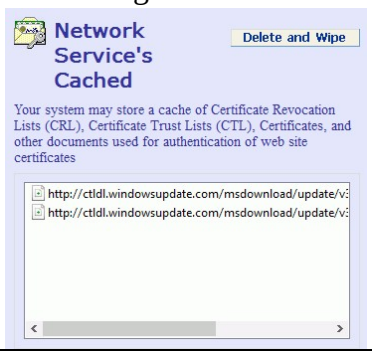
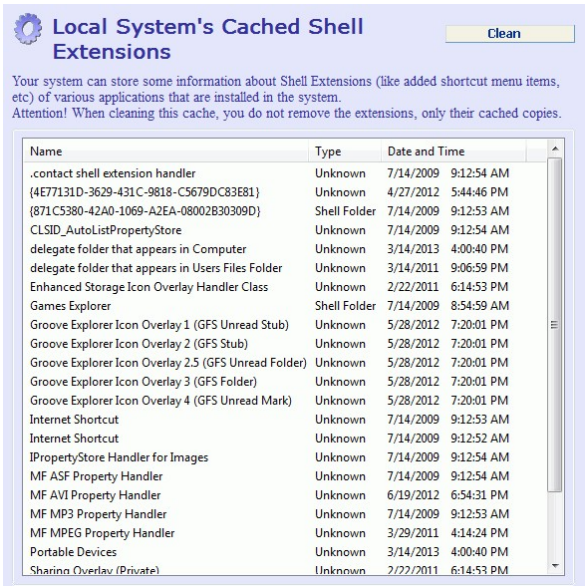
	If the **Wipe files before deleting** check box is clear on the **Docs and Internet** tab of the **Settings** panel, this button changes its name to **Delete**. 
Local System Cached File Extensions	Cached filename extensions of file types registered by applications, some of which may be already deleted.
Local System Cached Shell Extensions	Cached shell extensions (added shortcut menu items added by installed applications). **Attention!** When cleaning the cache, the extensions aren't removed, only their cached copies. 
Cached WPF Fonts	Your system stores a cache of WPF fonts installed in the system. Attention! When deleting and wiping this cache, you do not remove the fonts, only their cached copies. If the **Wipe files before deleting** check box is clear on the **Docs and Internet** tab of the **Settings** panel, this button changes its name to **Delete**.

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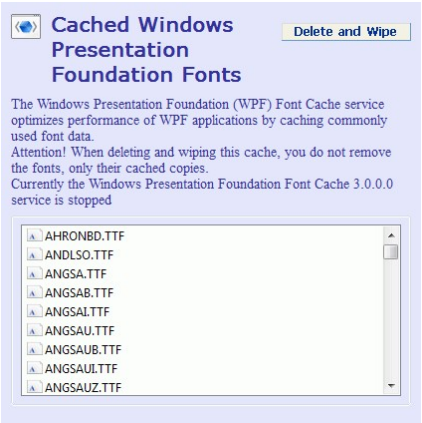
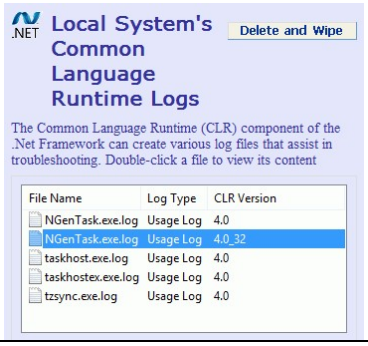
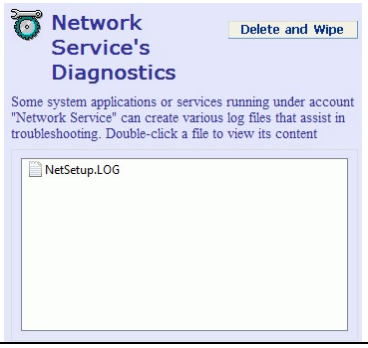
	
Local System's Common Language Runtime Logs	Various logs created by the Common Language Runtime (CLR) component of the .Net Framework. You my view a log file by double-clicking it. If the **Wipe files before deleting** check box is clear on the **Docs and Internet** tab of the **Settings** panel, this button changes its name to **Delete**. 
Network Service's Diagnostics Logs	Logs created by various services and programs running under the "Network Service" account. You may view a log file by double-clicking it. If the **Wipe files before deleting** check box is clear on the **Docs and Internet** tab of the **Settings** panel, this button changes its name to **Delete**. 
Local System Stored Application Descriptions	A list of application descriptions and their pats for applications that have started in the system at least once.
Local System Stored	A list of applications assigned to perform some acotions automatically upon detected

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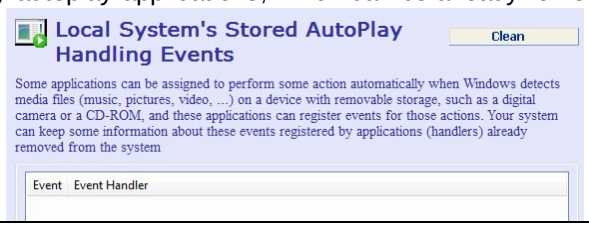
AutoPlay Handlers Paths	media files on removable storage. Some information on them may remain even when they have been removed from the system.
Local System Stored AutoPlay Handling Events	Events assigned by autoplay applications, which can be already removed. 
Local System Stored Internet Explorer Shortcut Menu Extensions	A list of Internet Explorer shortcut menu commands installed by applications already removed from the system.

- R-Wipe&Clean Overview
- R-Wipe&Clean Main Panel
- Customization, Settings, and Logging
- Wiping
- Wiping Tasks and Scheduler
- Popup Blocker
- Startup Rename Manager
- Unblocking R-Wipe & Clean in Anti-Malware Programs
- Contact Information and Technical Support

4.2.5 Cleaning System

Your may clear system traces such as registry traces, temp files, system history, and swap files.. You may see the contents of any particular item on its respective panel. Those traces are usually kept in the `HKEY_LOCAL_MACHINE` registry section.

You may also include computer cleaning into a large wiping and cleaning task. Go to the **Setting a Large Wipe and Clean Task** section for details.

The list of items visible on the **System** panel can be edited on the **Customize** panel.

To clean traces of system activity,

- In the **BarView**, click the required wipe list
  In the **TreeView**, select the required wipe list
  The **System** panel will appear in the right pane.

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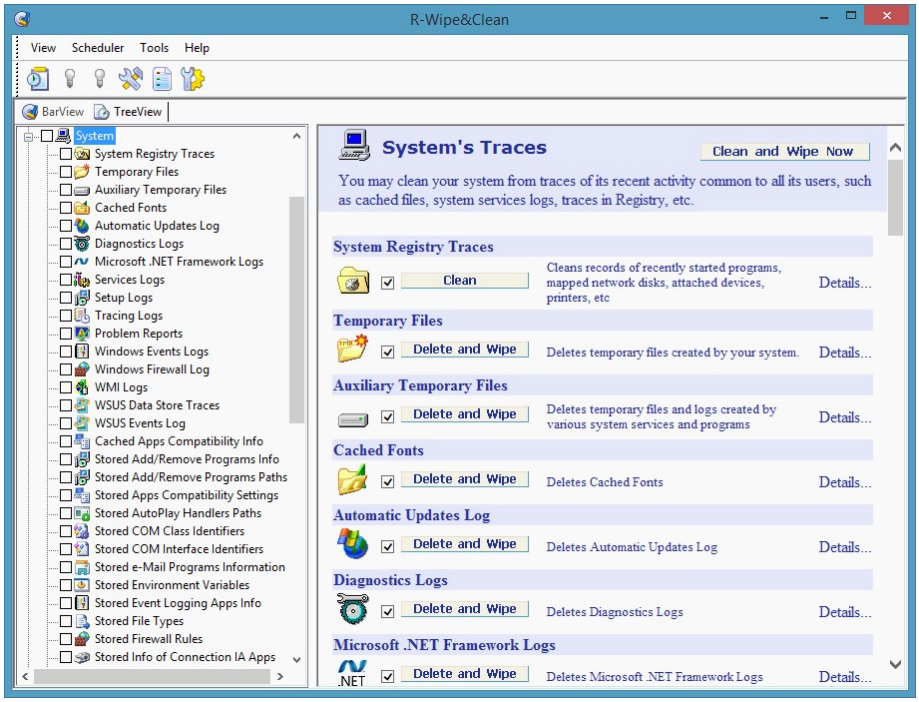
System panel



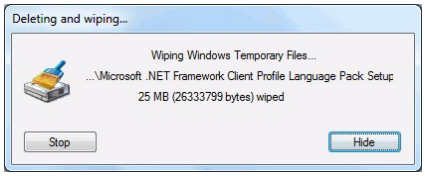
- Select the required items and click the **Clean and Wipe Now** button.

  If you only delete files, they may be later recovered using any file unerase or recover utility. To make this impossible, you may set **R-Wipe&Clean** wipe files before deleting on the **Docs and Internet** tab of the **Settings** panel.

  If the **Wipe files before deleting** check box is clear on the **Docs and Internet** tab of the **Settings** panel, the **Clean and Wipe Now** button changes its name to **Clean**. The files will be only deleted without wiping.

R-Wipe&Clean will start cleaning the computer, and the **Deleting and wiping** dialog box will appear showing the cleaning progress.

Deleting and wiping dialog box



When **R-Wipe&Clean** finishes cleaning, the **Report** dialog box will appear showing cleaning results.

Some items require you to log off to complete the cleaning. You will see this notice in the **Report** dialog box asking you if you want to do this. You may do this later and only small portion of information will remain until next logon.

To start wiping swap files, you must restart your system. You will be prompted either to restart your system to start wiping the swap files, or to delay wiping until the next restart.

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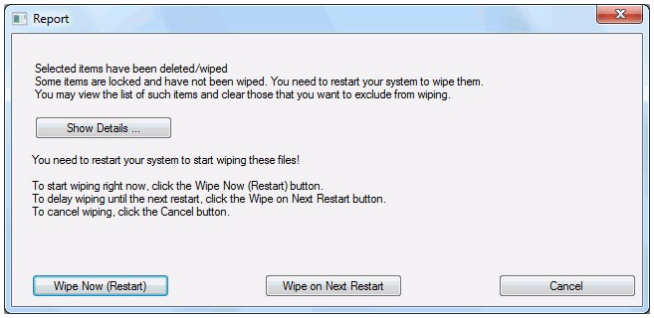
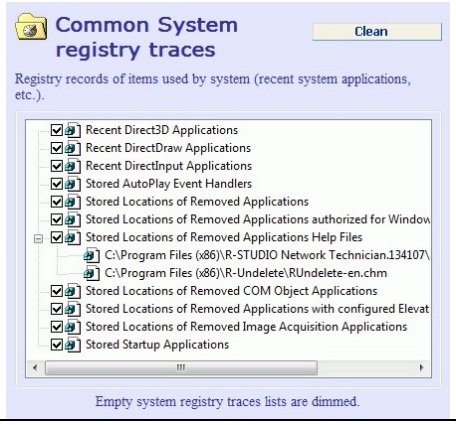
Restart dialog box



Default cleaning settings may be specifically set on the **Docs and Internet** tab of the **Settings** panel.

You may see the contents of any particular item on its respective panel in the right pane. Click **Details** on the **System** panel or select the item in the **BarView** or **TreeView**.

More information on the items...

Common System Registry Traces	Registry records of items used by system (recent system applications, etc.). Empty system registry trace lists are dimmed. You need to log off to complete removing the System Registry traces. 
System Temporary Files	List of temporary files created by your system. If the **Wipe files before deleting** check box is clear on the **Docs and Internet** tab of the **Settings** panel, this button changes its name to **Delete**.
Auxiliary Temporary Files	A tree of temporary files and logs created by various system services and programs. Double-click files with the .log and .txt extensions to view their content. Clear items

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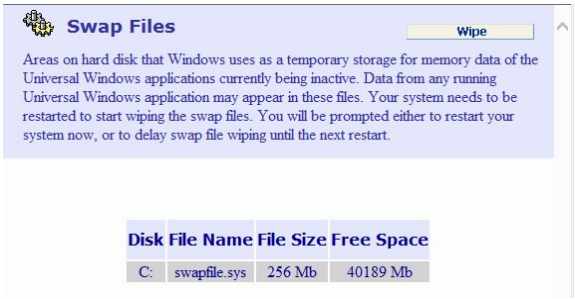
	you want to keep. If the **Wipe files before deleting** check box is clear on the **Docs and Internet** tab of the **Settings** panel, this button changes its name to **Delete**.
Cached Fonts	Your system stores a cache of fonts installed in the system. Attention! When deleting and wiping this cache, you do not remove the fonts, only their cached copies. If the **Wipe files before deleting** check box is clear on the **Docs and Internet** tab of the **Settings** panel, this button changes its name to **Delete**.
Swap Files	Areas of hard disks that Windows uses as it were physical memory. Data from any running program or system process may be written to these files. **R-Wipe & In Clean** can wipe those files in some cases, and cannot in some others. See **Cleaning swap files** for details and instructions on manual cleaning.  ***Cleaning swap files*** **R-Wipe & Clean** can wipe swap files on Windows 2000, 2000 Server, XP and

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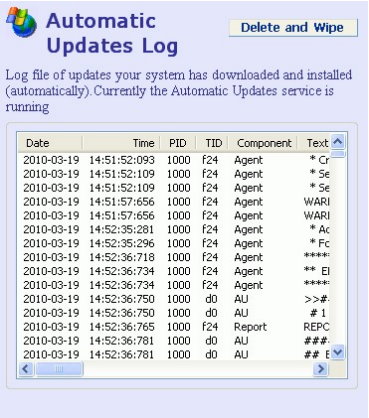
	Server 2003. Starting from Windows Vista, Microsoft made access to the paging files much harder, and, what is even more important, much more dangerous. For example, a conflict between an anti-virus program and **R-Wipe & Clean** may result in total inability for the system to start. And, as that happens at the early stage of system loading, it'll be very hard to cure the situation for a common user. That's why this feature is discontinued in Windows Vista/7/8/8.1/10, and **R-Wipe & Clean** doesn't show its corresponding tab in its Tree View on these systems. Windows 8 and 10 have a separate swap file for the Metro/Universal applications, and **R-Wipe & Clean** can wipe such file from its interface. If necessary, swap files can be cleaned manually. To do so, 1. Go to the Control Panel, and select "Advanced System Settings". The Advanced tab will appear on the System Settings 2. Click the Settings ... button on that tab. 3. Go to the "Advanced" tab on the Performance Options window and click the "Change ..." button on the Virtual Memory section. 4. Clear the "Automatically manage paging file size for all drive" option, and select "No Paging File" and click the "Set" button for all disks. 5. Click the OK button on all those windows (Virtual Memory, Performance Options, and System Properties). 6. Restart the system and wipe the free space on all disks using R-Wipe & Clean. 7. When R-Wipe & Clean finishes the job, go back to the Performance Options window and select the "Automatically manage paging file size for all drive" option. 8. Restart the system. It is important to turn the virtual memory option on right immediately after the wiping task finishes, as the paging files are used not only for the system's virtual memory. **Attention!** Free space on the disk on which swap file(s) reside(s) must be large than all swap files on this disk.
Windows Update Log	A log file of updates your system has downloaded and installed (automatically). If the **Wipe files before deleting** check box is clear on the **Docs and Internet** tab of the **Settings** panel, this button changes its name to **Delete**. 
Component-Based Servicing Log	A log file of the Windows Component-Based Servicing activity that may help in troubleshooting. If the **Wipe files before deleting** check box is clear on the **Docs and Internet** tab

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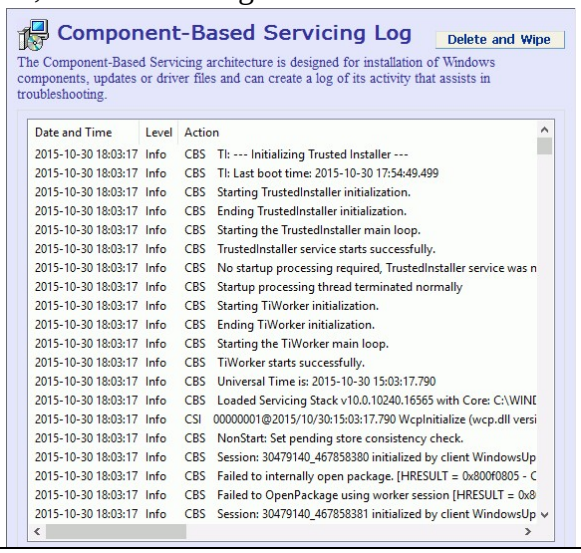
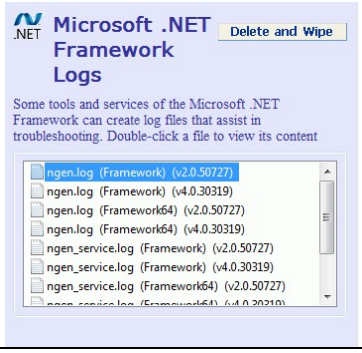
	of the **Settings** panel, this button changes its name to **Delete**. 
Diagnostics Logs	Your system creates several log files that assist in troubleshootng. Double-click a file to view its. content. If the **Wipe files before deleting** check box is clear on the **Docs and Internet** tab of the **Settings** panel, this button changes its name to **Delete**.
Microsoft .NET Framework Logs	Microsoft .Net tools and services may create logs to assist in tourbleshooting. Double-click a file to view its content. If the **Wipe files before deleting** check box is clear on the **Docs and Internet** tab of the **Settings** panel, this button changes its name to **Delete**. 
Deployment Image Service and	Deployment Image Service and Management Log Microsoft (DISM) tools can reate a log to assist in tourbleshooting.

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Management Log	If the **Wipe files before deleting** check box is clear on the **Docs and Internet** tab of the **Settings** panel, this button changes its name to **Delete**.
Services Logs	Services may create log files that assist in tourbleshooting. Double-click a file to view its content. If some service is running, them log files of this service can be locked. In this case you can either let R-Wipe&Clean stop this service for a short time, or delete/wipe these files during a next system startup. If the **Wipe files before deleting** check box is clear on the **Docs and Internet** tab of the **Settings** panel, this button changes its name to **Delete**.
Setup Logs	Log files created when your system has installed its components. Double-click a file to view its content. If the **Wipe files before deleting** check box is clear on the **Docs and Internet** tab of the **Settings** panel, this button changes its name to **Delete**.

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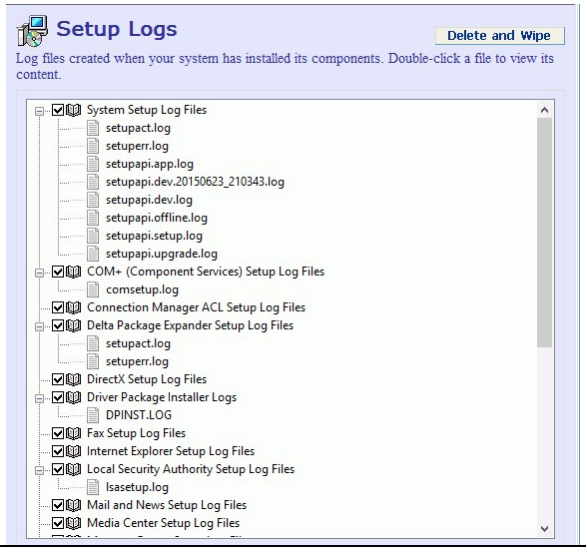
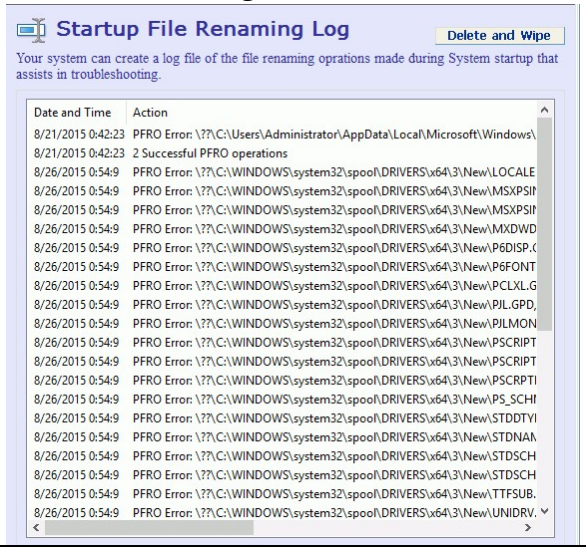
	
Startup File Renaming Log	A log containing a list of files that Windows renames during its startup. May help in troubleshooting. If the **Wipe files before deleting** check box is clear on the **Docs and Internet** tab of the **Settings** panel, this button changes its name to **Delete**. 
Tracing Logs	Your system can create various tracing logs that may assist in troubleshooting. If the **Wipe files before deleting** check box is clear on the **Docs and Internet** tab of the **Settings** panel, this button changes its name to **Delete**.

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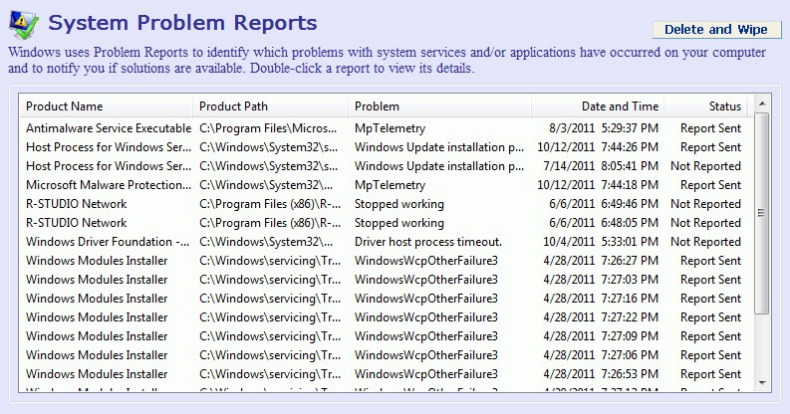
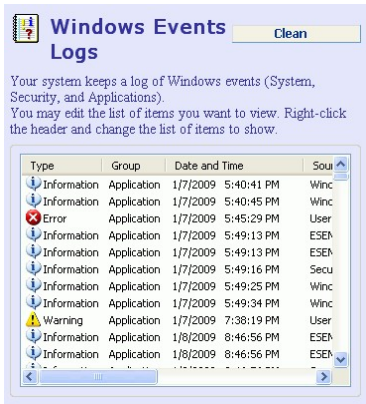
Problem Reports	List of programs and services that caused problems to Windows. You may double-click an item to see its report. If the **Wipe files before deleting** check box is clear on the **Docs and Internet** tab of the **Settings** panel, this button changes its name to **Delete**. 
Windows Events Log	Your system keeps a log of Windows events (System, Security, and Applications). You may edit the list of items you want to view. Right-click the header and change the list of items to show. 
Windows Firewall Log	Your system keeps a log of the Windows built-in firewall. You need to restart your system to start wiping this log. You will be prompted to restart your system or to delay wiping until the next restart. You may edit the list of items you want to view. Right-click the header and change the list of items to show.

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Windows Update Logs	Your system stores log files created during installing updated (security and other critical updates that protect your computer). Double-click a file to view its contents. If the **Wipe files before deleting** check box is clear on the **Docs and Internet** tab of the **Settings** panel, this button changes its name to **Delete**.
WMI Logs	Windows Management Instrumentation (WMI) and WMI providers create several log files that assist in troubleshooting. Double-click a file to view its content. If the **Wipe files before deleting** check box is clear on the **Docs and Internet** tab of the **Settings** panel, this button changes its name to **Delete**.
WSUS Data Store Traces	WSUS (Windows Software Update Services or Windows Server Update Services) create some temporary and log files that assist in troubleshooting. If the **Wipe files before deleting** check box is clear on the **Docs and Internet** tab of the **Settings** panel, this button changes its name to **Delete**.
WSUS Events Log	WSUS (Windows Software Update Services or Windows Server Update Services) creates a log file that assist in troubleshooting. You may edit the list of items you want to view. Right-click the header and change the

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	list of items to show. If the **Wipe files before deleting** check box is clear on the **Docs and Internet** tab of the **Settings** panel, this button changes its name to **Delete**.
Indexing Service Catalogs	Indexing Service creates indexes of the contents and properties of documents on your local hard drive and on shared network drives and stores this information in catalogs to facilitate efficient and rapid searching. If the **Wipe files before deleting** check box is clear on the **Docs and Internet** tab of the **Settings** panel, this button changes its name to **Delete**.
Indexing Traces	Indexing stores the detailed information about files Windows uses to perform very fast searchers. You may double-click a `.crwl` or `.rthr` file to view its content. If the **Wipe files before deleting** check box is clear on the **Docs and Internet** tab of the **Settings** panel, this button changes its name to **Delete**.
Cached Applications	Your system can create a cache of some information about compatibility of applications

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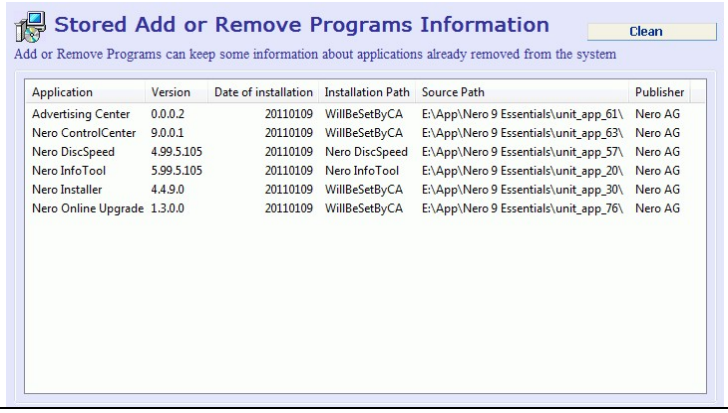
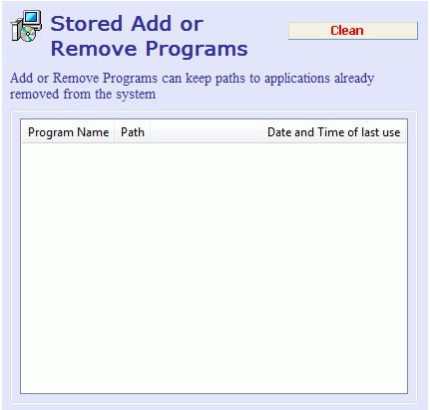
Compatibility Information	that run on your system, including those already removed from the system.
Stored Add or Remove Programs Information	Add or Remove programs can store information about applications that have been already removed. 
Stored Add/Remove Programs Path	Add or Remove programs can keep paths to applications that have been already removed. 
Stored Apps Compatibility Settings	Your system can keep various compatibility settings for already removed applications.

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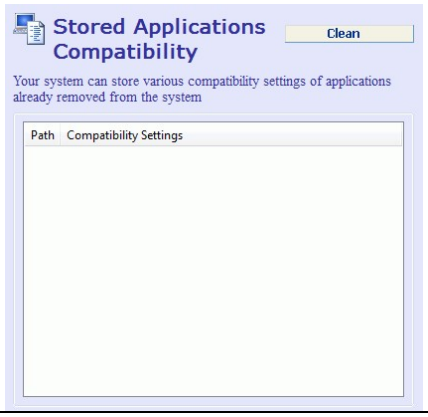
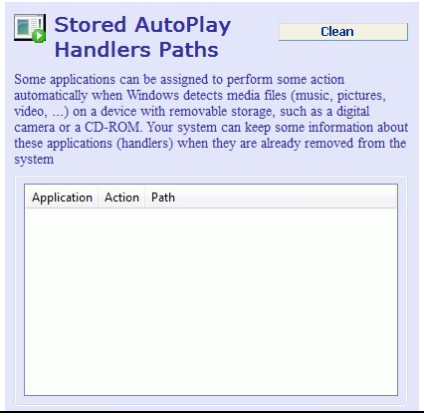
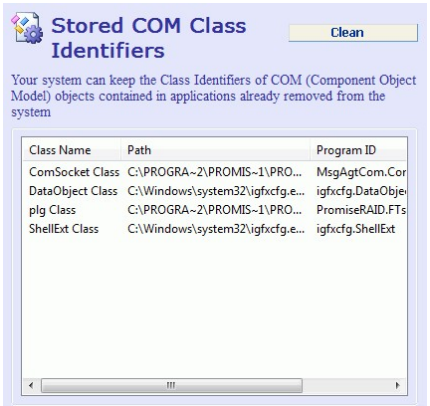
	
Stored AutoPlay Handlers Paths	Your system can keep autoplay information (what Windows is to do when detects a certain media files on a removable media device) for already removed applications. 
Stored COM Class Identifiers	Your system can keep the Class Identifiers of COM objects in already removed applications. 
Stored COM Interface Identifiers	Your system can keep the COM interface Identifiers contained in already removed applications.

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	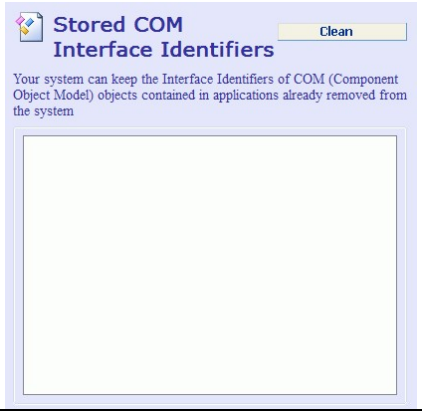
Stored System Environment Variables	Your system can keep the environment variables created by already removed applications.
Stored Event Logging Applications Information	Some applications can save info about various events to the Application log of your system. Also, your system can keep some information about those applications, even if they have already been removed.
Stored File Types	Your system can keep the file name extensions associated with already removed applications.

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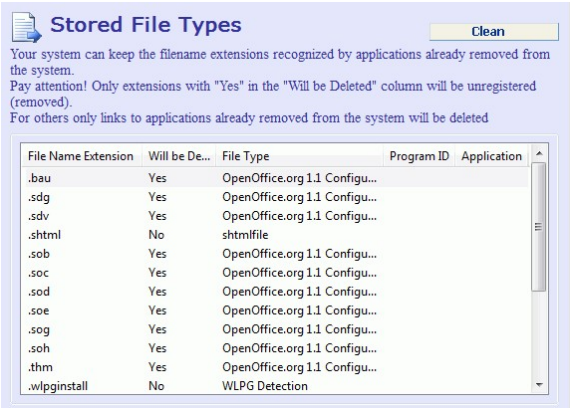
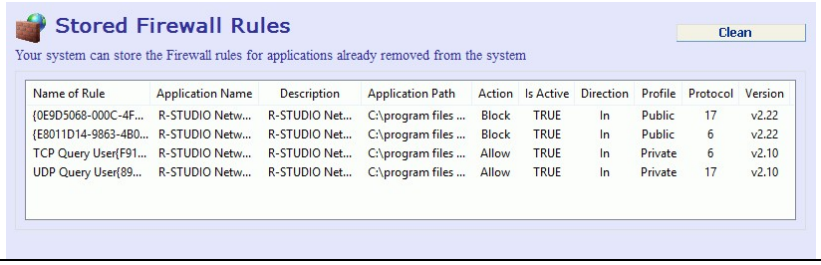
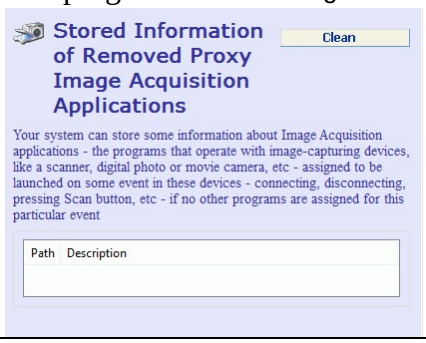
	
Stored Firewall Rules	Your system can keep the built-in firewall rules for already removed applications. 
Stored Information of Removed Connection Image Acquisition	Your system can keep some information about already removed Image Acquisition applications, programs that start when you connect an image capturing device, like a scanner, digital camera, etc .
Stored Information of Removed Proxy Image Acquisition Applications	Your system can keep some information about Image Acquisition applications, programs that work with image capturing device, like a scanner, digital camera, etc, assigned to launch when some events on the devices occur (connecting, disconnecting, etc) if no other programs are not assigned to such event. 
Stored Information of	Your system can keep some information about Image Acquisition applications,

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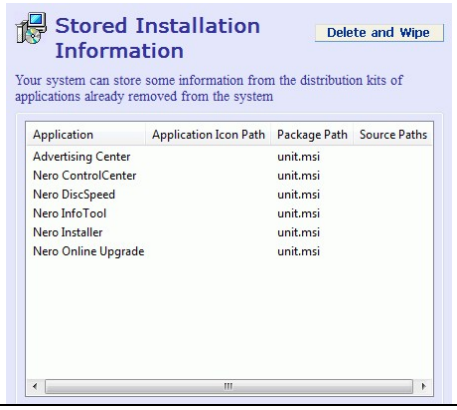
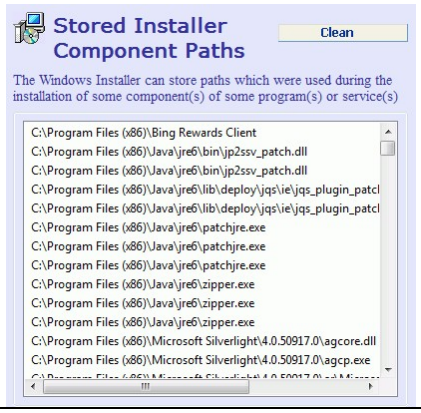
Removed Scan Button Image Acquisition	programs to launch when you press the Scan button on a connected scanner.
Stored Installation Information	Your system can store information about distribution kits of already removed applications. 
Stored Installer Components Paths	Windows Installer stores paths used during the installation of some programs or services. 
Stored Installer Folders	Windows Installer stores paths used during the installation of some programs or services.

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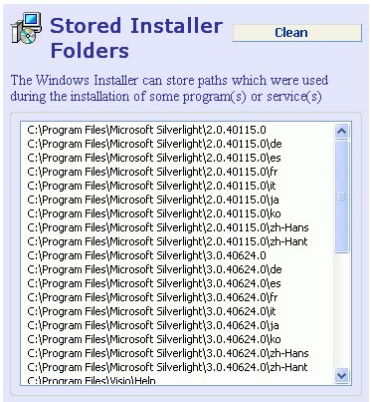
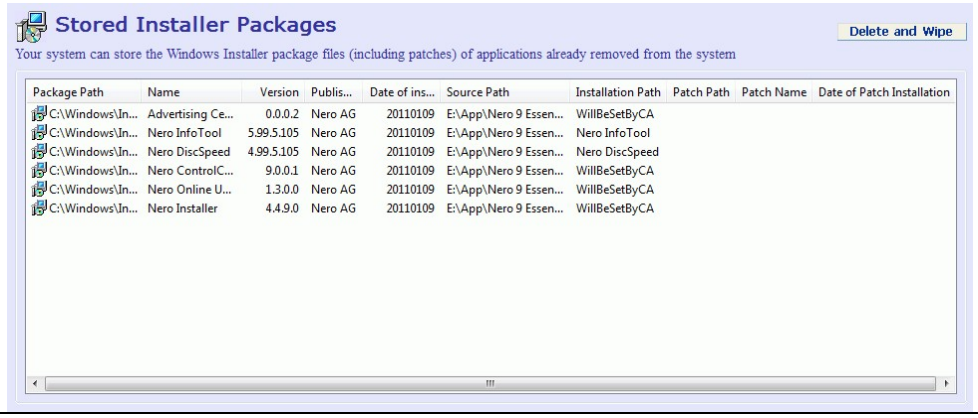
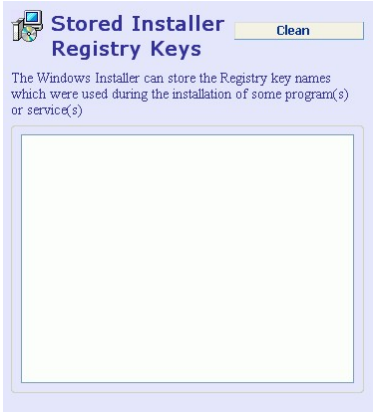
	
Stored Installer Packages	You system can store Windows Installer package files (with patches) of already removed applications. If the **Wipe files before deleting** check box is clear on the **Docs and Internet** tab of the **Settings** panel, this button changes its name to **Delete**. 
Stored Installer Registry Keys	Windows Installer stores the Registry key names used during the installation of some programs or services. 
Stored Info of Connection IA Apps	Your system stores locations of image acquisition applications - programs that start when an image-capturing device like a scanner, digital photo or movie camera.

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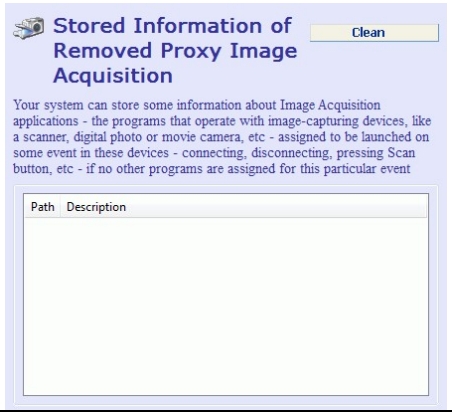
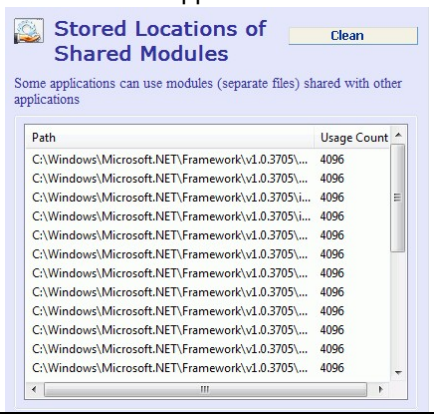
Stored Info of Proxy IA Apps	Your system stores information of a proxy image acquisition application - a program that start when an image-capturing device like a scanner, digital photo or movie camera, if no other application is assigned to those actions. 
Stored Locations of Shared Modules	Your system stores list of modules that applications share. 
Store Locations of Type Libraries	Your system stores locations of type libraries that store information about COM objects from already removed applications.

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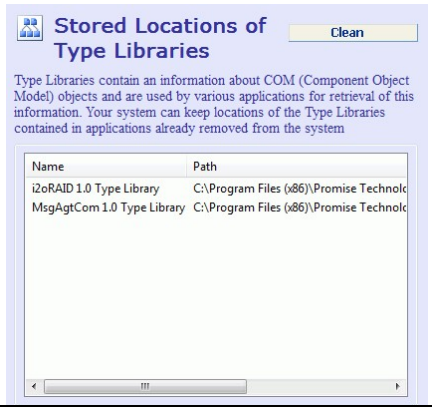
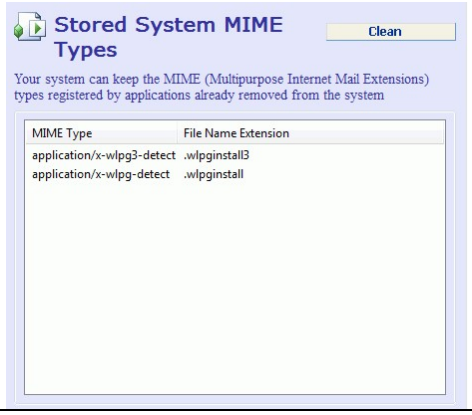
	
Stored MIME Types	Your system stores MIME types registered by already removed applications. 
Stored News Readers Information	Your system stores some information about news readers already removed from the system.
Stored Perceived Types Applications	Your system stores names of already removed applications and perceived types associates with them.

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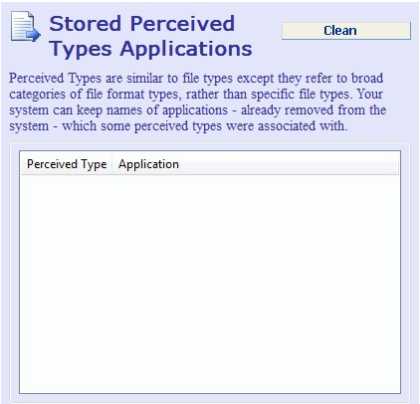
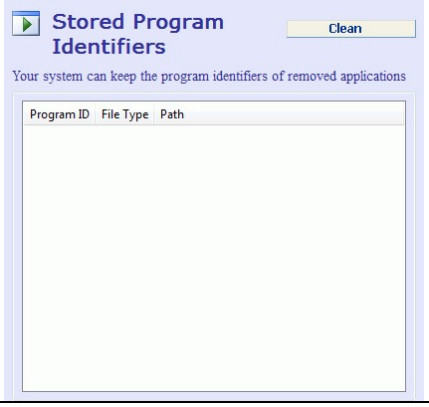
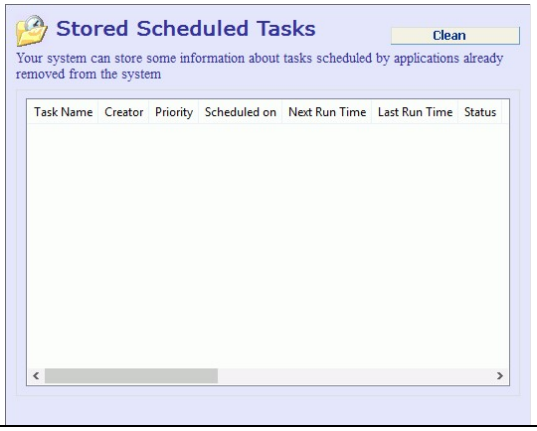
	
Stored Program Identifiers	Your system stores program identifiers from already removed applications. 
Stored Scheduled Tasks	Your system stores some information about tasks scheduled by already removed applications. 
Stored Services Information	Your system stores information about services of already removed applications.

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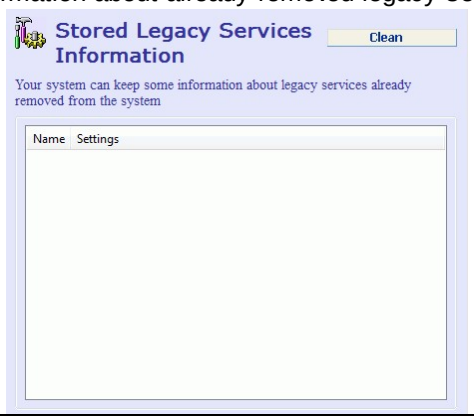
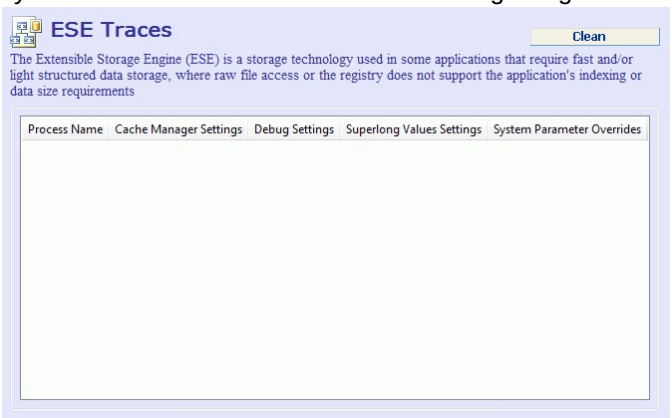
Stored Legacy Services Information	Your system stores information about already removed legacy services. 
Stored Web Browsers Information	Your system stores information about web browsers already removed from your system.
ESE Traces	Your system may store information about Extensive Storage Engine. 

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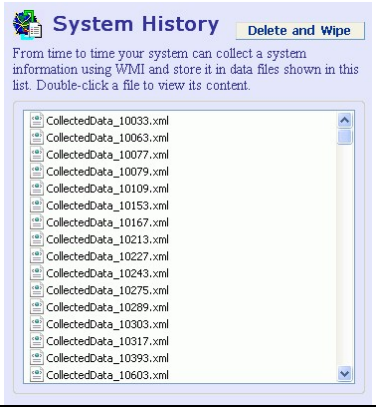
System History	Files with system information that your system collects from time to time using WMI. Double-click a file to view its content. If the **Wipe files before deleting** check box is clear on the **Docs and Internet** tab of the **Settings** panel, this button changes its name to **Delete**. 
Defragmentation List	Your system stores this list of files and folders in order to enhance the defragmentation process. **Attention!** When deleting and wiping the list, you do not remove the files, only the list. If the **Wipe files before deleting** check box is clear on the **Docs and Internet** tab of the **Settings** panel, this button changes its name to **Delete**.
Prefetch Traces	Your system creates these files in order to minimize system and application startup and stores them in a cache. If you delete a prefetch file for an application, the system will create it again next time the system starts the application. If the **Wipe files before deleting** check box is clear on the **Docs and Internet** tab of the **Settings** panel, this button changes its name to **Delete**.

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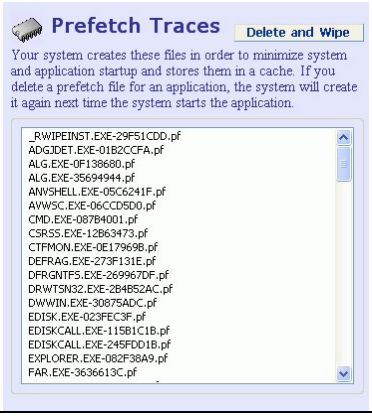
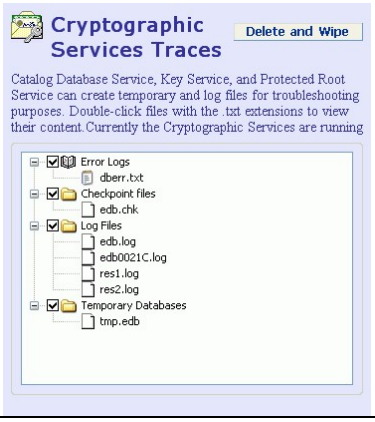
	
Cryptographic Services Traces	Catalog Database Service, Key Service, and Protected Root Service create temporary and log files for troubleshooting. Double-click a file with the .txt extension to view its content. If the **Wipe files before deleting** check box is clear on the **Docs and Internet** tab of the **Settings** panel, this button changes its name to **Delete**. 
Security Management	Security Management Tools create temporary, database, and log files for troubleshooting. Double-click a file with the .log or .old extension to view its content. If the **Wipe files before deleting** check box is clear on the **Docs and Internet** tab of the **Settings** panel, this button changes its name to **Delete**.
Stored Wireless Networks Profiles	Your system can keep some information (like secret key) about wireless networks your computer ever has been connected to. You may select those profiles to remove their data.

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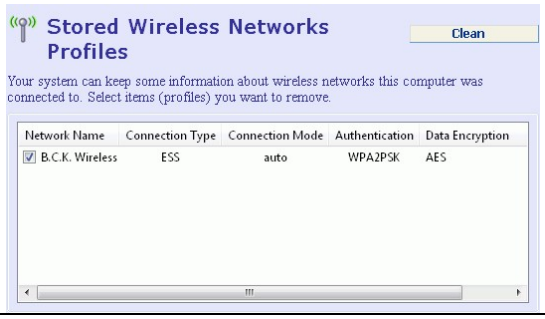
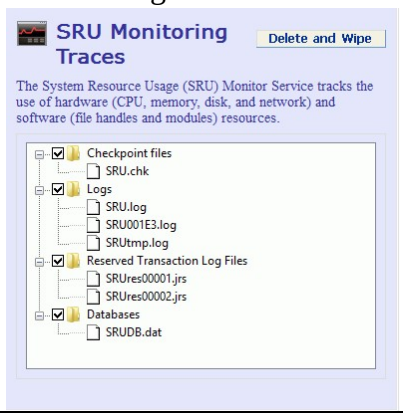
	
SRU Monitoring Traces	SRU (System Resource Usage) Monitoring Service tracks the use of hardware (CPU, memory, disk, and network) and software (file handlers and modules) resources. If the **Wipe files before deleting** check box is clear on the **Docs and Internet** tab of the **Settings** panel, this button changes its name to **Delete**. 

- R-Wipe&Clean Overview
- R-Wipe&Clean Main Panel
- Customization, Settings, and Logging
- Wiping
- Wiping Tasks and Scheduler
- Popup Blocker
- Startup Rename Manager
- Unblocking R-Wipe & Clean in Anti-Malware Programs
- Contact Information and Technical Support

4.2.6 Cleaning Application Traces

You may clean links to files recently opened by a number of applications. If you want to remove links only to some files, click **File list** for the application.

You may also include computer Application Traces into a large wiping and cleaning task. Go to the Setting a Large Wipe and Clean Task section for details.

Attention! When cleaning these lists, you **do not remove** the files, only their links.

The list of items visible on the **Application Traces** panel can be edited on the **Customize** panel.

To clean links to files recently opened by a number of applications,

- In the **BarView**, click the required wipe list

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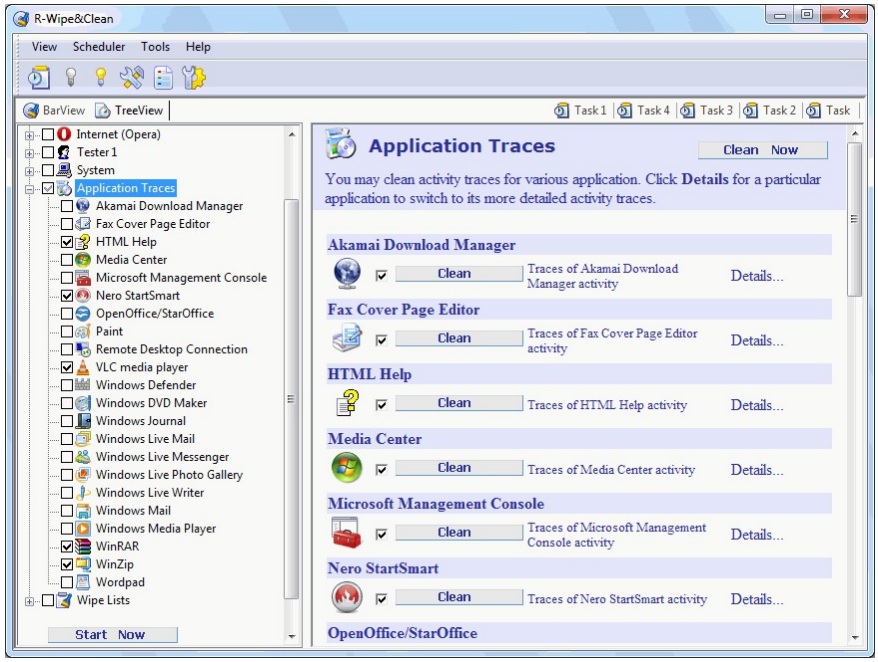
In the **TreeView**, select the required wipe list

The **Application Traces** panel will appear in the right pane.

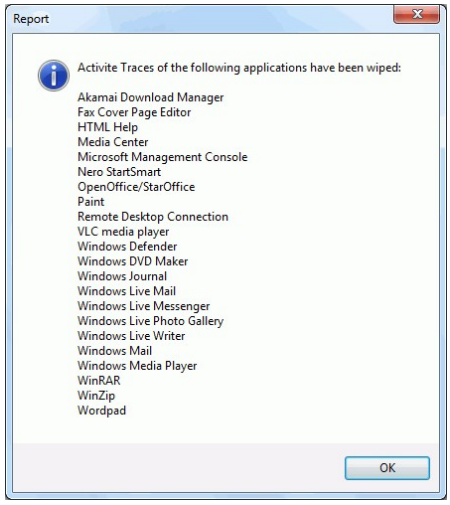
Application Traces panel



- Select the required items and click the **Clean Now** button.

R-Wipe&Clean will start cleaning the computer. When **R-Wipe&Clean** finishes cleaning, the **Report** dialog box will appear showing cleaning results.

Report dialog box



You may see the contents of any particular item on its respective right pane. Click **File List...** on the **Application Traces** panel or select the item in the **BarView** or **TreeView**.

Default cleaning settings may be specifically set on the **Docs and Internet** tab of the **Settings** panel.

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- R-Wipe&Clean Overview
- R-Wipe&Clean Main Panel
- Customization, Settings, and Logging
- Wiping
- Wiping Tasks and Scheduler
- Popup Blocker
- Startup Rename Manager
- Unblocking R-Wipe & Clean in Anti-Malware Programs
- Contact Information and Technical Support

V Wiping Tasks and Scheduler

You may specify a large wiping and cleaning task, which may include wiping unused disk space, cleaning your computer from any internet and document links, and one or several wipe lists. You may start this task immediately or set a special time when this task will be started automatically. Click on the **Schedule** button to start the scheduler.

- Creating a Large Wipe and Clean Task
- Starting Tasks from a Command Line and Shortcuts
- Using Scheduler

- R-Wipe&Clean Overview
- R-Wipe&Clean Main Panel
- Customization, Settings, and Logging
- Wiping
- Cleaning a Computer
- Popup Blocker
- Startup Rename Manager
- Unblocking R-Wipe & Clean in Anti-Malware Programs
- Contact Information and Technical Support

5.1 Creating a Large Wipe and Clean Task

You may specify a large wiping and cleaning task, which may include wiping unused disk space, cleaning your computer from any internet and document links, and one or several wipe lists.

To set a large wiping and cleaning task,

- In the **TreeView**, mark the items you want to wipe and clear and click the **Start Now** button.
  You may see the contents of any particular item on its respective panel on the right pane.

R-Wipe&Clean will start cleaning the computer, and the **Deleting and wiping** dialog box will appear showing the cleaning progress.

When **R-Wipe&Clean** finishes wiping and cleaning, the **Report** dialog box will appear showing cleaning results.

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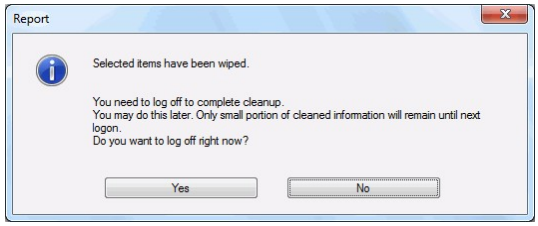
Report dialog box


Report
Selected items have been wiped.
You need to log off to complete cleanup.
You may do this later. Only small portion of cleaned information will remain until next logon.
Do you want to log off right now?
Yes
No

You may set wiping and cleaning settings for this task on the **Settings** panel.

Some items require you to log off to complete the cleaning. You will see this notice in the **Report** dialog box asking you if you want to do this. You may do this later and only small portion of information will remain until next logon.

You may also set time for the task to start. Click the **Schedule** button and the **Scheduler** panel will appear at the bottom of the **TreeView**.

- R-Wipe&Clean Overview
- R-Wipe&Clean Main Panel
- Customization, Settings, and Logging
- Wiping
- Cleaning a Computer
- Popup Blocker
- Startup Rename Manager
- Unblocking R-Wipe & Clean in Anti-Malware Programs
- Contact Information and Technical Support

5.2 Starting Tasks from a Command Line and Shortcuts

Starting a Large Wipe and Cleaning Task from a command line

To start an existing wipe and clean task from a command line,

- type `rwiperun.exe /t "TaskName"`
  where `TaskName` is the name of a task to be run.

You may include this command line in any command file.

Starting a Large Wipe and Cleaning Task from a desktop shortcut

To start an existing wipe and clean task from a desktop shortcut,

- Create a command file with the command starting the task.
- Create a shortcut with that command file.

- R-Wipe&Clean Overview
- R-Wipe&Clean Main Panel
- Customization, Settings, and Logging
- Wiping
- Wiping Tasks and Scheduler
- Popup Blocker
- Startup Rename Manager

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- Unblocking R-Wipe & Clean in Anti-Malware Programs
- Contact Information and Technical Support

5.3 Using Scheduler

You may set a large wipe and clean task to run at a specified time or event. You may have several such tasks, each starting at its own time or event. You may even start such tasks from a command line.

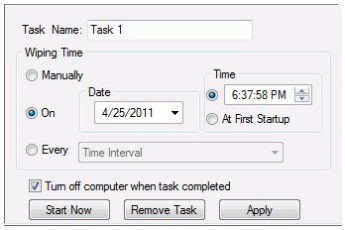
Creating a Large Wipe and Cleaning Task at a Specified Time or Event

To create a new large wipe and clean task,

- Click the **Schedule** button in the **TreeView**.

A scheduler panel will appear at the bottom of the left pane.

Scheduler panel



- Mark the items you want to wipe and clear in the **TreeView**.
- Specify time or event at which the task will start and other task options on the scheduler panel, and click the **Apply** button.

Time or event

Depending on the specified time or event, the fields Date and Time may change their names		
Manually	The wipe and clean task will never start automatically. You may start it manually	
On	The wipe and clean task will start on a specified date at a specified time or the first system startup	
Every	The wipe and clean task will start at a specified event:	
	Time interval	Each specified time interval
	Day	At a specified time or the first system startup
	Week	Each weekday at a specified time or the first system startup
	Month	Each month day at a specified time or the first system startup
	User Logon	Each user logon
	System Startup	Each system startup. The task will start when the first user logs on after the system startup
	User Logoff	Each user logoff
	System Shutdown	Each system shutdown. Please note that when you make your system to restart while there is a task scheduled at system shutdown, a warning message will appear, your system will shut down, and you will have to start up it manually.
	Closing a Browser	Each closing a particular browser or any of them

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Warning message

Deleting and wiping...
A wipe and clean task scheduled at system shutdown is currently running. The system will be shut down when the task is completed.
You may stop the task and shut down the system immediately by clicking Stop.
If you are going to reboot your system, you will have to start up the system manually.
You may hide this window. Still the system will be shut down when the task is completed.
Wiping unused space on disk C: ...
19%
18761 MB (19672440832 bytes) wiped
Do not show this message again.
Stop
Hide

You may make **R-Wipe&Clean** turn your computer off when the task is completed. Select **Turn off computer when task completed** on the scheduler panel.

- If necessary, set wiping and cleaning settings on the **Settings** panel.

The task tab with its file name will appear in the upper right corner of the right pane. If **R-Wipe&Clean** is not running when the wipe and clean task starts, no messages will appear. Only the R-Wipe&Clean icon appears in the system tray. If logging is enabled on the **Logs** panel, the task results will be written to the log file.

R-Wipe&Clean icon

Log file example...

```
12/23/2013  11:03:03 PM Scheduler starts. Start of task "Task 3".Task is
scheduled to launch at 11:03:00 PM on 12/23/2013
12/23/2013  11:03:03 PM Cleaning Attached Printers List (System Registry Traces
of Tester 1)            Ok.
12/23/2013  11:03:03 PM Deleting link to Last Opened Registry Key (System
Registry Traces of Tester 1)        Ok.
12/23/2013  11:03:03 PM Cleaning Mapped Network Drives List (System Registry
Traces of Tester 1)           Ok.
12/23/2013  11:03:03 PM Deleting links to Recent Direct3D Applications (System
Registry Traces of Tester 1)        Ok.
12/23/2013  11:03:03 PM Deleting links to Recent DirectDraw Applications (System
Registry Traces of Tester 1)        Ok.
12/23/2013  11:03:03 PM Deleting links to Recent DirectInput Applications (System
Registry Traces of Tester 1)        Ok.
12/23/2013  11:03:03 PM Deleting traces of Removed Dial-up Connections (System
Registry Traces of Tester 1)        Ok.
12/23/2013  11:03:03 PM Cleaning Run list (System Registry Traces of Tester 1)
            Ok.
12/23/2013  11:03:03 PM Cleaning Start Menu Search Autocomplete (System Registry
Traces of Tester 1)           Ok.
12/23/2013  11:03:03 PM Deleting Stored Commands of Removed Applications in the
Internet Explorer Shortcut Menu (System Registry Traces of Tester 1)          Ok.
12/23/2013  11:03:03 PM Deleting Stored Computer Descriptions (System Registry
Traces of Tester 1)           Ok.
12/23/2013  11:03:03 PM Deleting Stored Locations of Removed COM Object
Applications (System Registry Traces of Tester 1)           Ok.
```

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```
12/23/2013  11:03:03 PM Deleting Stored Locations of Removed Applications with
configured Elevation Policy (System Registry Traces of Tester 1)        Ok.
12/23/2013  11:03:03 PM Deleting Stored Media Player Paths (System Registry
Traces of Tester 1)          Ok.
12/23/2013  11:03:03 PM Deleting Stored Startup Applications (System Registry
Traces of Tester 1)          Ok.
12/23/2013  11:03:03 PM Deleting History        Ok.
12/23/2013  11:03:03 PM Deleting link to Last Save Directory (Auxiliary Traces)
           Ok.
12/23/2013  11:03:03 PM Deleting link to Last Download Directory (Auxiliary
Traces)          Ok.
12/23/2013  11:03:04 PM Deleting links to Recent Menu Encodings (Auxiliary
Traces)          Ok.
12/23/2013  11:03:04 PM Deleting links to Recent Page Encodings (Auxiliary
Traces)          Ok.
12/23/2013  11:03:04 PM Wiping Downloads History           Ok.
12/23/2013  11:03:04 PM Deleting Typed URLs          Ok.
12/23/2013  11:03:04 PM Deleting Autocomplete        Ok.
12/23/2013  11:03:04 PM Wiping Cached Feeds          Ok.
12/23/2013  11:03:04 PM Wiping Flash Player Cookies        Ok.
12/23/2013  11:03:04 PM Wiping Cached DOM Files      Ok.
12/23/2013  11:03:04 PM Cleaning Stored Favorites Menu Order            Ok.
12/23/2013  11:03:04 PM Wiping Cached Certification Files        Ok.
12/23/2013  11:03:06 PM Wiping InPrivate Filtering Saved Addresses           Ok.
12/23/2013  11:03:06 PM Deleting Browser Extensions Using Statistics         Ok.
12/23/2013  11:03:06 PM Empting Clipboard       Ok.
12/23/2013  11:03:06 PM Wiping Invalid Desktop Shortcuts.        Ok.
12/23/2013  11:03:06 PM Deleting MFU Registry Traces        Ok.
12/23/2013  11:03:06 PM Cleaning Stored Start Menu Order         Ok.
12/23/2013  11:03:06 PM Cleaning Links to files recently opened with Open File
Dialogs          Ok.
12/23/2013  11:03:06 PM Cleaning Stored Dialog Boxes Sizes (Dialog Box Traces)
           Ok.
12/23/2013  11:03:06 PM Cleaning Stored Paths to the Initial Directories of the
Dialog Boxes (Dialog Box Traces)          Ok.
12/23/2013  11:03:06 PM Cleaning Stored Paths (Dialog Box Traces)       Ok.
12/23/2013  11:03:06 PM Wiping Links to Recent Documents         Ok.
12/23/2013  11:03:06 PM Wiping Jump Lists       Ok.
12/23/2013  11:03:06 PM Wiping Links to Recent Network Folders          Ok.
12/23/2013  11:03:06 PM Cleaning Stored Explorer View Settings          Ok.
12/23/2013  11:03:06 PM Cleaning Stored Application Descriptions of Tester 1
      Ok.
12/23/2013  11:03:06 PM Deleting Stored COM Class Identifiers of Tester 1
      Ok.
12/23/2013  11:03:06 PM Deleting Stored Control Panel Extensions        Ok.
12/23/2013  11:03:06 PM Deleting Stored Environment Variables of Tester 1
      Ok.
12/23/2013  11:03:06 PM Deleting Stored File Types of Tester 1          Ok.
12/23/2013  11:03:06 PM Wiping Cached Icons          Ok.
12/23/2013  11:03:06 PM Wiping Thumbnails Caches           Warning! File is
locked! It cannot be wiped without system restart.
12/23/2013  11:03:06 PM Wiping Windows Search Cache Files of Tester 1        Ok.
12/23/2013  11:03:06 PM Deleting Cached Wallpapers          Ok.
```

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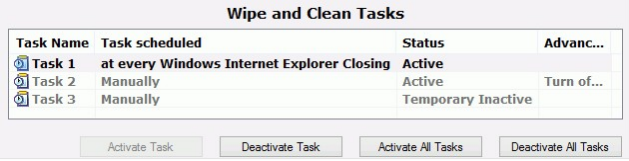
```
12/23/2013  11:03:06 PM Deleting Stored Network Passwords         Ok.
12/23/2013  11:03:06 PM Deleting Stored Program Identifiers of Tester 1       Ok.
12/23/2013  11:03:06 PM Wiping Stored Start Menu Items of Tester 1            Ok.
12/23/2013  11:03:06 PM Wiping Stored Startup Applications Information of Tester
1           Ok.
12/23/2013  11:03:06 PM Wiping Common Language Runtime Logs       Ok.
12/23/2013  11:03:06 PM Deleting Stored Addresses of Unread Mail        Ok.
12/23/2013  11:03:06 PM Deleting Cached Shell Extensions of Tester 1          Ok.
12/23/2013  11:03:06 PM Deleting Stored FTP Accounts        Ok.
12/23/2013  11:03:06 PM Deleting links to FTP Folders       Ok.
12/23/2013  11:03:06 PM Wiping Stored Installation Information of Tester 1
      Ok.
12/23/2013  11:03:06 PM Deleting Stored Installer Component Paths of Tester 1
      Ok.
12/23/2013  11:03:06 PM Wiping Stored Installer Packages of Tester 1          Ok.
12/23/2013  11:03:06 PM Deleting Stored Installer Registry Keys of Tester 1
      Ok.
12/23/2013  11:03:06 PM Deleting Stored Locations of Type Libraries of Tester 1
            Ok.
12/23/2013  11:03:06 PM Deleting Stored MIME Types of Tester 1          Ok.
12/23/2013  11:03:06 PM Wiping Application Problem Reports        Ok.
12/23/2013  11:03:06 PM Wiping Temporary Internet Files           Ok.
12/23/2013  11:03:09 PM Wiping Cookies          Ok.
12/23/2013  11:03:16 PM Wiping Tester 1's Temporary Files         Ok.
12/23/2013  11:03:16 PM Wiping Recycle Bin Items            Ok.
12/23/2013  11:03:16 PM End of task "Task 3". Scheduler stops.
```

You may leave the **Scheduler** by clicking either the **TreeView** or **BarView**.

Managing Existing Wipe and Clean Tasks

The existing tasks appear in the **Wipe and Clean Tasks** list below or in the upper right corner of the **R-Wipe&Clean** right pane. You may select the task by double-clicking the task either in the list or its tab in the upper right corner. You may also temporary deactivate and then activate a task or all tasks.

Wipe and Clean Tasks



To start an existing wipe and clean task manually,

- Click the task in the **Wipe and Clean Tasks** list below or its tab in the upper right corner of the **R-Wipe&Clean** right pane.

The task and its settings will appear in the left pane. The scheduler panel will appear at the bottom of the left pane.

- If necessary, set wiping and cleaning settings for this task on the **Settings** panel.
- Click the **Wipe Now** button.

R-Wipe&Clean will start cleaning the computer, and the **Deleting and wiping** dialog box will appear showing the cleaning progress. When **R-Wipe&Clean** finishes wiping and cleaning, the **Report** dialog box will appear showing cleaning results.

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To edit an existing wipe and clean task,

- Click the task in the **Wipe and Clean Tasks** list below or its tab in the upper right corner of the **R-Wipe&Clean** right pane.

The task and its settings will appear in the left pane. The scheduler panel will appear at the bottom of the left pane.

- Make the necessary changes and click the **Apply** button.

To remove an existing wipe and clean task,

- Click the task in the **Wipe and Clean Tasks** list below or its tab in the upper right corner of the **R-Wipe&Clean** right pane.

The task and its settings will appear in the left pane. The scheduler panel will appear at the bottom of the left pane.

- Click the **Remove Task** button.

The **Remove task** dialog box will appear.

- Click **Yes** to confirm deleting the task.

To temporally deactivate an existing wipe and clean task,

- Click the task in the **Wipe and Clean Tasks** list below or its tab in the upper right corner of the **R-Wipe&Clean** right pane.

The task and its settings will appear in the left pane. The scheduler panel will appear at the bottom of the left pane.

- Click the **Deactivate Task** button.

The **Temporary Inactive** mark will appear in the task's panel and in the **Wipe and Clean Tasks** list. This task will not start at its scheduled time but its setting be kept.

To activate a temporally inactive existing wipe and clean task,

- Click the task in the **Wipe and Clean Tasks** list below or its tab in the upper right corner of the **R-Wipe&Clean** right pane.

The task and its settings will appear in the left pane. The scheduler panel will appear at the bottom of the left pane.

- Click the **Activate Task** button.

The **Temporary Inactive** mark will disappear in the task's panel. This task will start at its scheduled time.

To deactivate/activate all existing wipe and clean task in the Wipe and Clean Tasks list,

- Click the **Deactivate/Activate All Task** button.

You may leave the **Scheduler** by clicking either the **TreeView** or **BarView**.

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- R-Wipe&Clean Main Panel
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- Wiping
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- Unblocking R-Wipe & Clean in Anti-Malware Programs
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VI Popup Blocker

R-Wipe & Clean Popup Blocker is an add-on to Microsoft Internet Explorer that blocks annoying automatic pop-up windows containing usually nothing but unsolicited ads and commercials. It does not block those popup windows links to which you intentionally click. You may include sites either into the **White List**, and no popup windows on those sites will be blocked, or into the **Black List**, and all popup windows on those sites will be blocked. You may also turn on/off sound and text notification and see a log of sites on which popup windows have been blocked.

To make Popup Blocker appear in Microsoft Internet Explorer

- Select **Popup Blocker Options...** on the **Tools** menu

The **General Options** tab will appear

- Select **Start Popup Blocker**.

Note: Selecting the **Start Popup Blocker** option makes **Popup Blocker** appear in Internet Explorer, but does not automatically starts blocking popup windows. You need to select **Block Popup Windows** on the **General Options** tab to start blocking popup windows.

Popup Blocker Options: icon list

You may configure **Popup Blocker** either by

Selecting **Popup Blocker Options...** on the **Tools** menu of **R-Wipe & Clean**.

or

Selecting **R-Wipe & Clean Popup Blocker** on the **Tools** menu of Internet Explorer.

You may navigate through these option by clicking the corresponding items in the If any option is unselected, it is dimmed in the list, but you still is able to switch to this option to edit its settings.

General Options

General Options tab	
Start Popup Blocker	Select this option to make **R-Wipe & Clean Popup Blocker** appear on the **Tools** menu of Internet Explorer.
Block Popup Windows	Select this option to make **R-Wipe & Clean Popup Blocker** actually block popup windows.
Enable notification	Select this option to make **R-Wipe & Clean Popup Blocker** notify you either with a text in the Internet Explorer status bar, or with a sound, or with the both.
Enable White list	Select this option to enable the **White list**, or the list of sites on which **R-Wipe & Clean Popup Blocker** does not block popup windows.
Enable Black list	Select this option to enable the **Black list**, or the list of sites on which **R-Wipe & Clean Popup Blocker** blocks all popup windows.
Enable log	Select this option to enable logging all the sites on which **R-Wipe & Clean Popup Blocker** have blocked at least one popup window.

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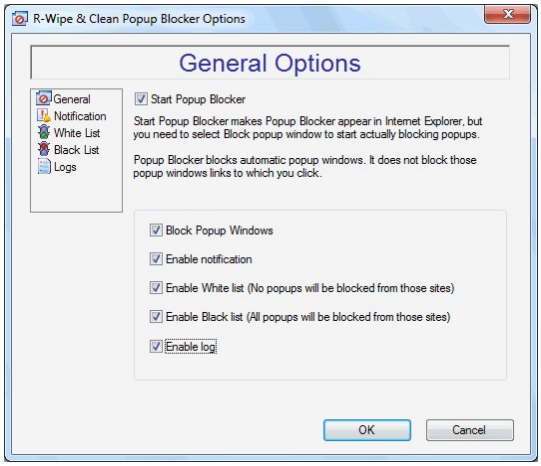
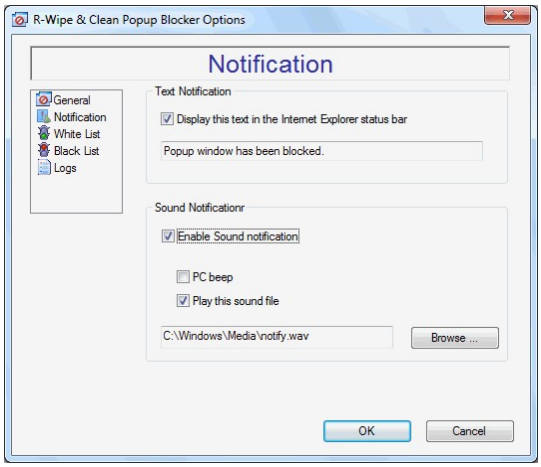
General Options tab


R-Wipe & Clean Popup Blocker Options
General Options
General
Notification
White List
Black List
Logs
Start Popup Blocker
Start Popup Blocker makes Popup Blocker appear in Internet Explorer, but you need to select Block popup window to start actually blocking popups.
Popup Blocker blocks automatic popup windows. It does not block those popup windows links to which you click.
Block Popup Windows
Enable notification
Enable White list (No popups will be blocked from those sites)
Enable Black list (All popups will be blocked from those sites)
Enable log
OK
Cancel

Notification

Notification tab	
Text Notification	
Display this text in the Internet Explorer status bar	Select this option and enter the text if you want this text to appear each time **R-Wipe & Clean Popup Blocker** blocks a popup window.
Sound notification	
Enable Sound notification	Select this option if you want to hear a sound each time **R-Wipe & Clean Popup Blocker** blocks a popup window.
PC beep	Select this option if you want to hear a PC beep each time **R-Wipe & Clean Popup Blocker** blocks a popup window.
Play this sound file	Select this option and enter a sound file name if you want to hear this sound each time **R-Wipe & Clean Popup Blocker** blocks a popup window.

Notification tab



White and Black lists

White List and **Black List** tabs

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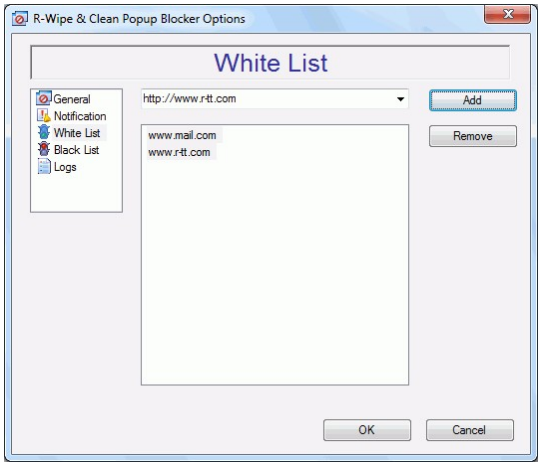
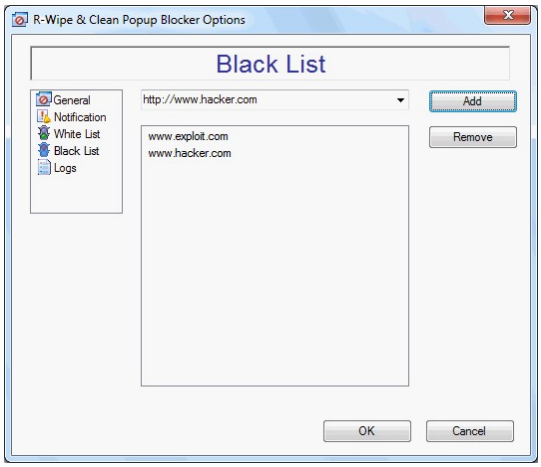
You may either select a visited site from a drop-down list or enter the site manually. Use the **Add** and **Delete** buttons to manage the lists.

White List tab



Black List tab



Logs

Logs tab

You may view a list of all sites on which **R-Wipe & Clean Popup Blocker** have blocked at least one popup window. You may add selected sites to either the **White list** or to **Black list**. Use the **Add to White list** and **Add to Black list** buttons for this. You may clear the log using the **Clear** button.

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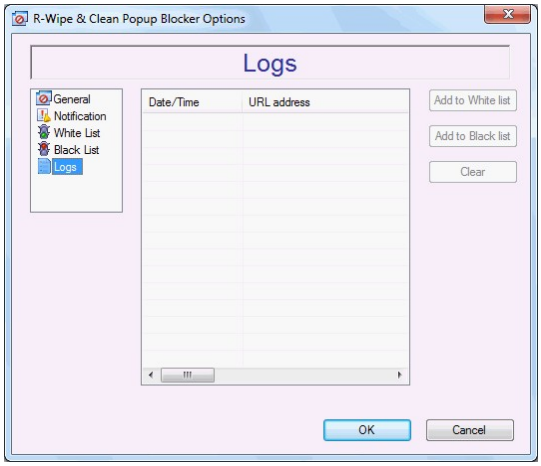
Logs tab



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VII Startup Rename Manager

Note: You should completely understand what are you doing when using **Startup Rename Manager**, or you may severely damage your system.

Sometimes you may want to delete or view a folder or files locked by Windows or some other program. **Startup Rename Manager** can help you to do that by renaming or deleting them during next startup. It also shows you a list of files and folders that will be renamed during the next startup. You may edit that list if necessary.

Startup Rename Manager can be invoked by selecting

To add a folder or file to the Startup Rename Manager,

- Select **Startup Rename Manager** on the **Tools** menu.

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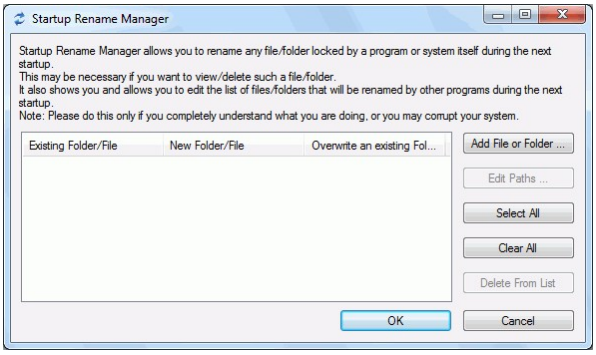
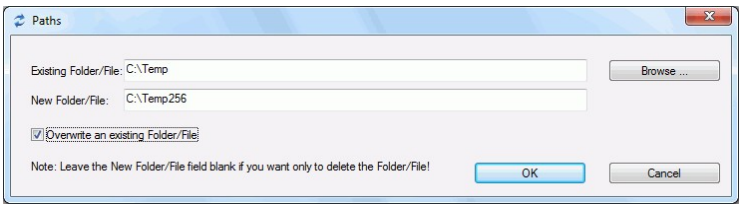
Startup rename manager dialog box


Startup Rename Manager
Startup Rename Manager allows you to rename any file/folder locked by a program or system itself during the next startup.
This may be necessary if you want to view/delete such a file/folder.
It also shows you and allows you to edit the list of files/folders that will be renamed by other programs during the next startup.
Note: Please do this only if you completely understand what you are doing, or you may corrupt your system.
Existing Folder/File
New Folder/File
Overwrite an existing Fol...
Add File or Folder ...
Edit Paths ...
Select All
Clear All
Delete From List
OK
Cancel

- Click **Add File or Folder** button on the **Startup Rename Manager** dialog box, select the required file(s)/ folder(s) on the **Paths** dialog box, and click the **OK** button.

Paths dialog box

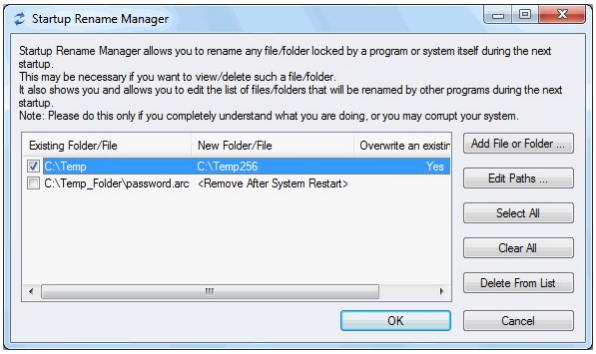


Leave the **New Folder/File** field blank if you want to delete rather than rename them.

Select **Overwrite an existing Folder/File** if you want to overwrite an already existing file(s) or folder(s) with those that are to be renamed.

The selected file(s) and folder(s) will appear on the **Startup Rename Manager** dialog box.

Startup rename manager dialog box


Startup Rename Manager
Startup Rename Manager allows you to rename any file/folder locked by a program or system itself during the next startup.
This may be necessary if you want to view/delete such a file/folder.
It also shows you and allows you to edit the list of files/folders that will be renamed by other programs during the next startup.
Note: Please do this only if you completely understand what you are doing, or you may corrupt your system.
Existing Folder/File
New Folder/File
Overwrite an existir
C:\Temp
C:\Temp256
Yes
C:\Temp_Folder\password.arc
<Remove After System Restart>
Add File or Folder ...
Edit Paths ...
Select All
Clear All
Delete From List
OK
Cancel

To edit a folder or file already added to the Startup Rename Manager,

- Select **Startup Rename Manager** on the **Tools** menu.
- Select the required file or folder and click the **Edit Paths** button.
- Edit the settings on the **Paths** dialog box, and click the **OK** button.

To remove a folder or file from the Startup Rename Manager,

- Select **Startup Rename Manager** on the **Tools** menu.
- Select or mark the required file or folder and click the **Delete From List** button.

- **R-Wipe&Clean Overview**
- **R-Wipe&Clean Main Panel**

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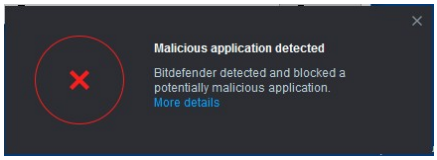
VIII Unblocking R-Wipe & Clean in Anti-Malware Programs

Some anti-malware programs may mistakenly treat **R-Wipe&Clean**. as a malicious program and block its work. You may manually unblock **R-Wipe&Clean** to let it work normally again.

For example, the **Bitdefender** INTERNET SECURITY program will through a warning message when it detects **R-Wipe&Clean** .

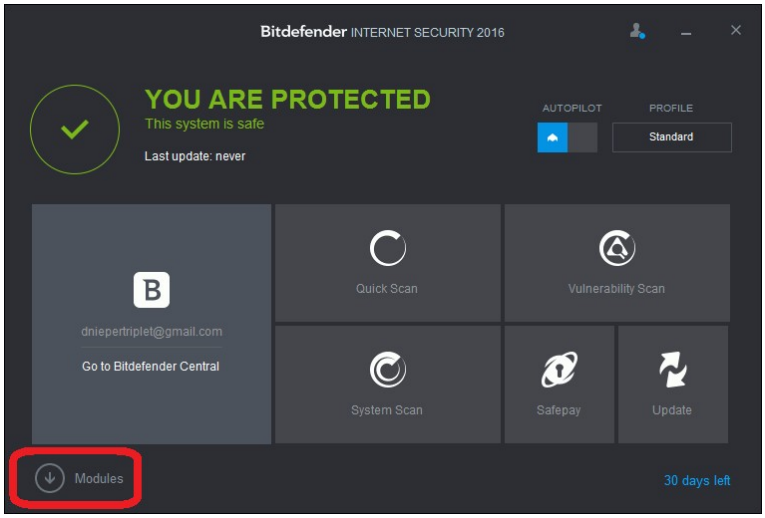
BitDefender Message


Malicious application detected
Bitdefender detected and blocked a potentially malicious application.
More details

To unblock R-Wipe&Clean in Bitdefender,

- Open the **Bitdefender** panel and click the **Modules** button.

BitDefender Control Panel



> The **Modules** tab will appear.

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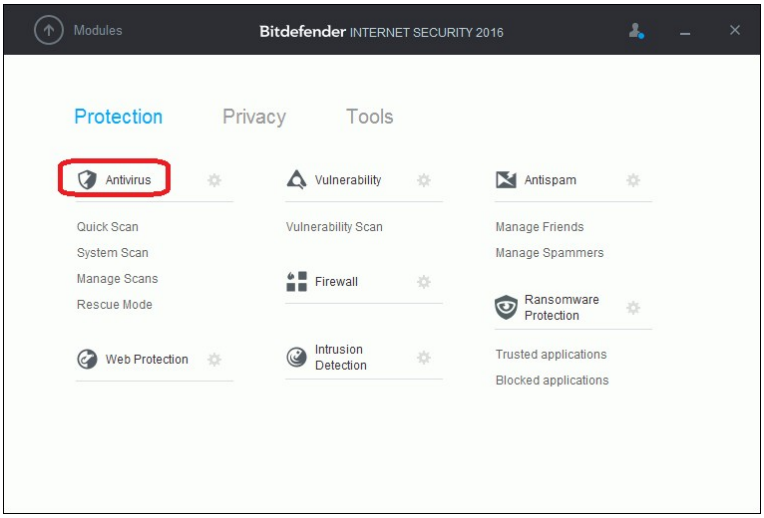
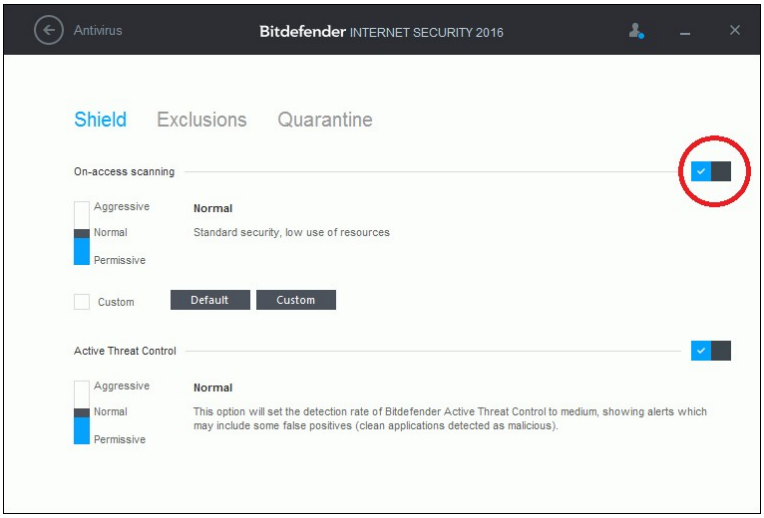
Modules Tab



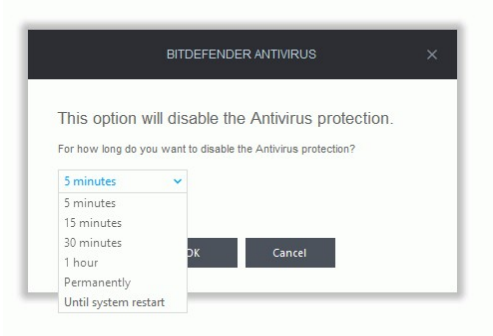
- Select **Antivirus**, and the **Shield** tab will appear.

Shield Tab



You may temporally disable **Bitdefender** by clicking **On-access scanning**.

Disabling Bitdefender



- Click the **Exclusions** tab and select **Excluded processes**.

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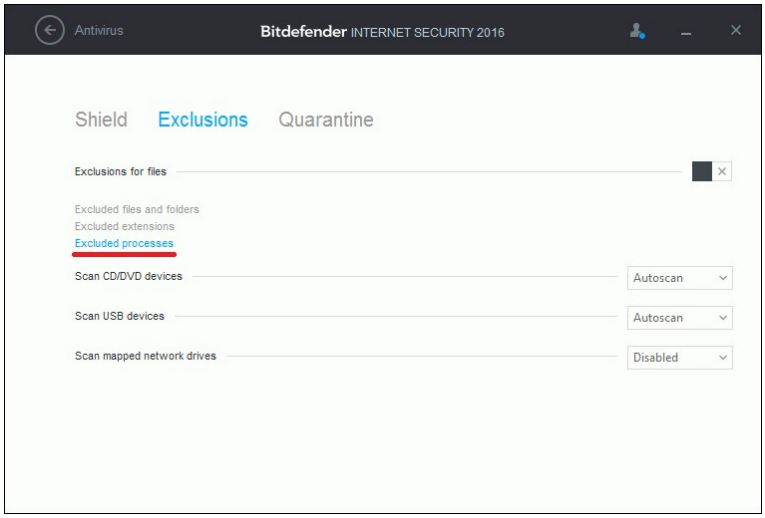
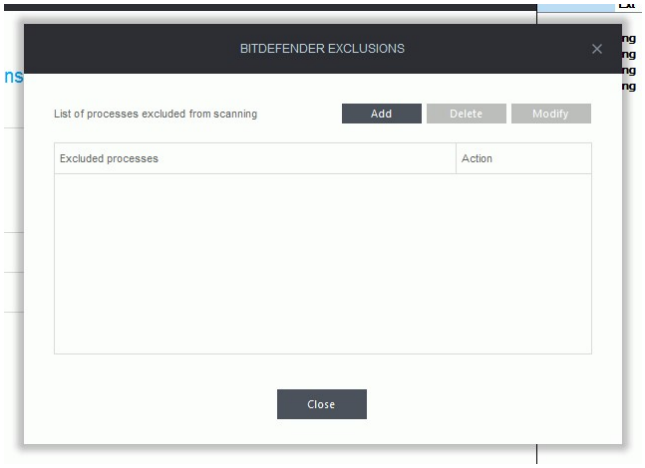
Exclusions Tab



- Click the **Add** button and select all processes in the `C:\Program Files (x86)\R-Wipe&Clean` folder.

Bitdefender Exclusions Dialog Box



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